

I. Orange or yellow patches on sides of upper neck. Bill black with lilac patch at base of lower mandible

Emperor #1

II Yellow line each side of crown above eyes. Head chin and throat black. Bill black tip reddish; pink space at base [South Shetlands] Macaroni #6

III No yellow on head or on sides

A. White band across back of head from one eye to the other. Otherwise head chin and throat black. Bill red or orange; Feet orange

Gentoo #9 ~~10~~

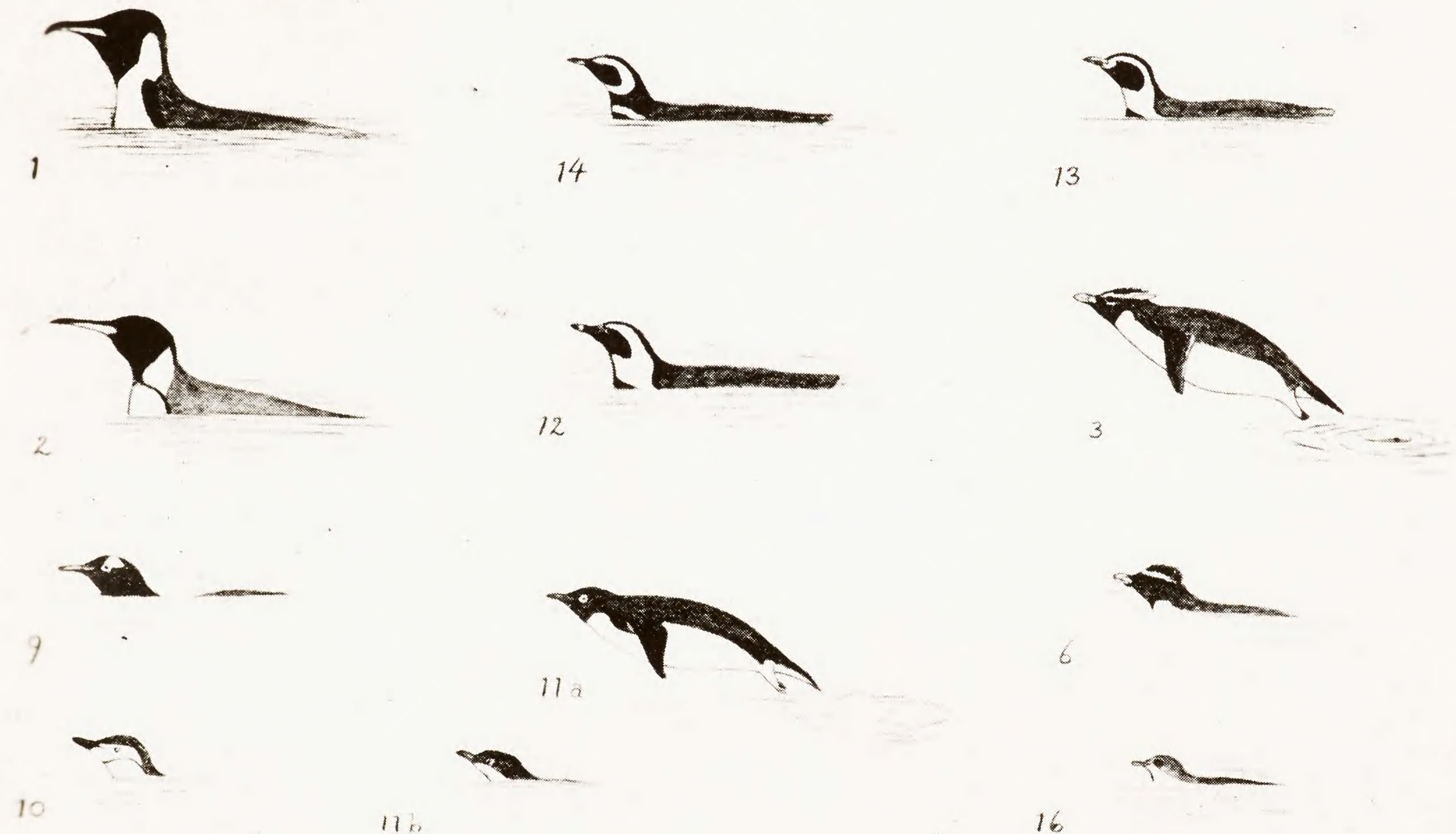
B. No white band across back of head. Otherwise head, chin and throat black. Bill bricks red; Feet rosy white above black below

Adelie #11a, 11b

C. Top of head black, but sides and neck white, with transverse black line across throat from ear to ear. Bill black; Feet orange

Head of young Adelie' like Bearded, but lacks transverse line

Bearded #10 or chin strap



PENGUINS

From drawings by the author

1. EMPEROR PENGUIN. 2. KING PENGUIN. 3. ROCK-HOPPER PENGUIN. 6. MACARONI PENGUIN. 4. GENTOO PENGUIN. 10. BEARDED PENGUIN. 11. ADELIE PENGUIN: (a) ADULT; (b) YOUNG. 12. JACKASS PENGUIN. 13. HUMBOLDT PENGUIN. 14. MAGELLAN PENGUIN. 16. LITTLE PENGUIN.

Yellow patches on sides of
upper neck, bill largely black.

1 Emperor, head chin and
throat black

2 King head chin and throat
black ending in point on
foreneck; narrow black
line each side of breast

Yellow line each side of crown above

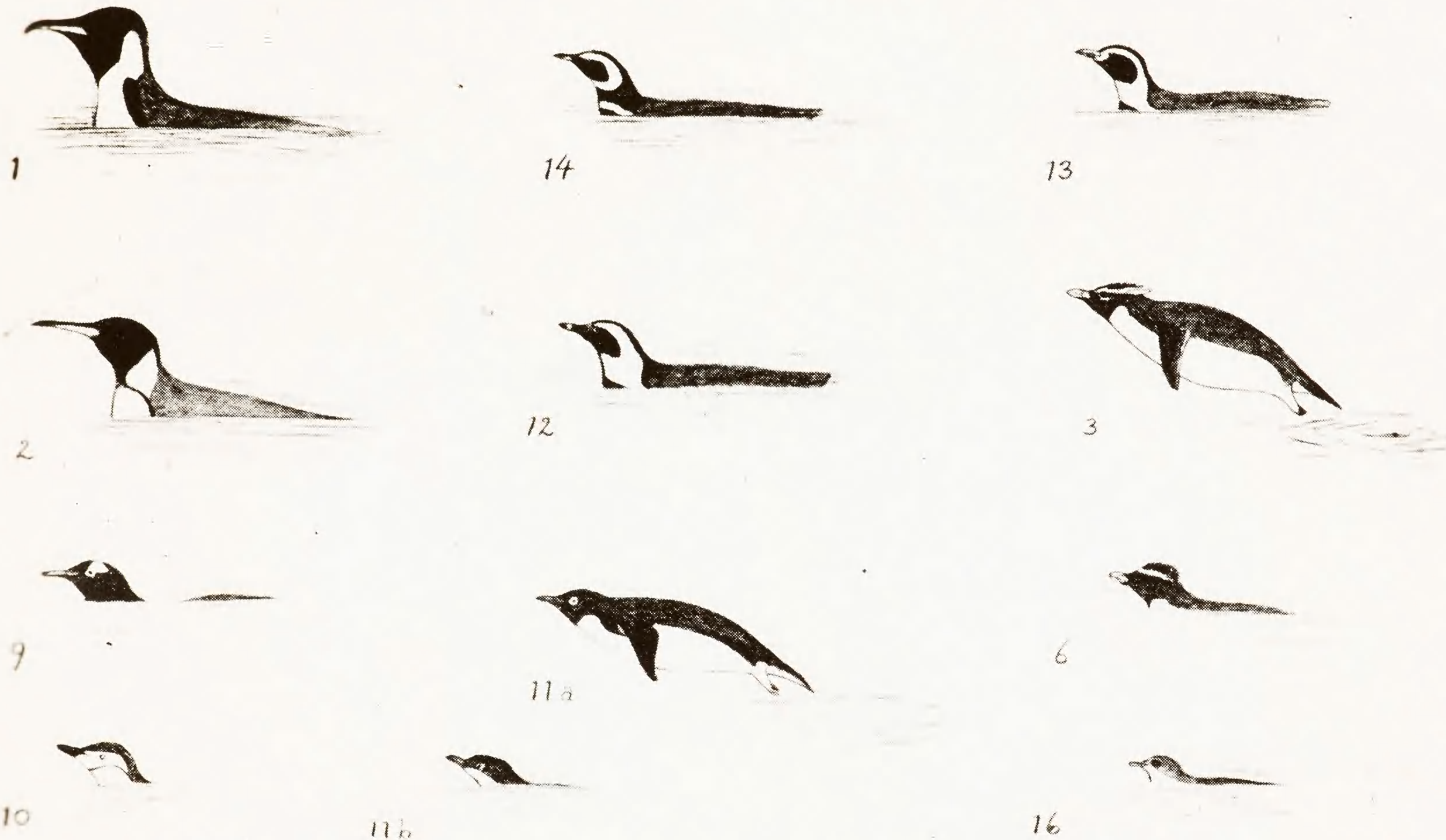
Macaroni eyes, head chin and throat
black. Bill black, reddish tip
~~pink space at base~~

No yellow on head or sides

Gentoo, head chin and throat black
white band across back of head

Adelie Bill red or orange. Feet orange
head, chin, and throat black
Bill brick red, feet red, white on

Bearded To head black, side + neck, with
black throat ^{of} transverse black line across



PENGUINS

From drawings by the author

1. EMPEROR PENGUIN. 2. KING PENGUIN. 3. ROCK-HOPPER PENGUIN. 6. MACARONI PENGUIN.
 9. GENTOO PENGUIN. 10. BEARDED PENGUIN. 11. ADELIE PENGUIN: (a) ADULT; (b) YOUNG. 12. JACKASS
 PENGUIN. 13. HUMBOLDT PENGUIN. 14. MAGELLAN PENGUIN. 16. LITTLE PENGUIN.

Fish.

7 fish wt Lockroy

Arthur Ab.	20	25 Jan
Peterman Id.	88	Fish Jan 28
Danco	17	" 4 Feb
Melchior.	22	7 Feb
Nansen I.	13	9 Feb
Yankee Ab.	35	13 "
Apex Bay	23	15. Feb
Brialmont Cove	1	23. Feb
Arctic Line & dredge.		
	20 fish.	

Forreston Folger
Arthur Ab.

Berthelot Ids

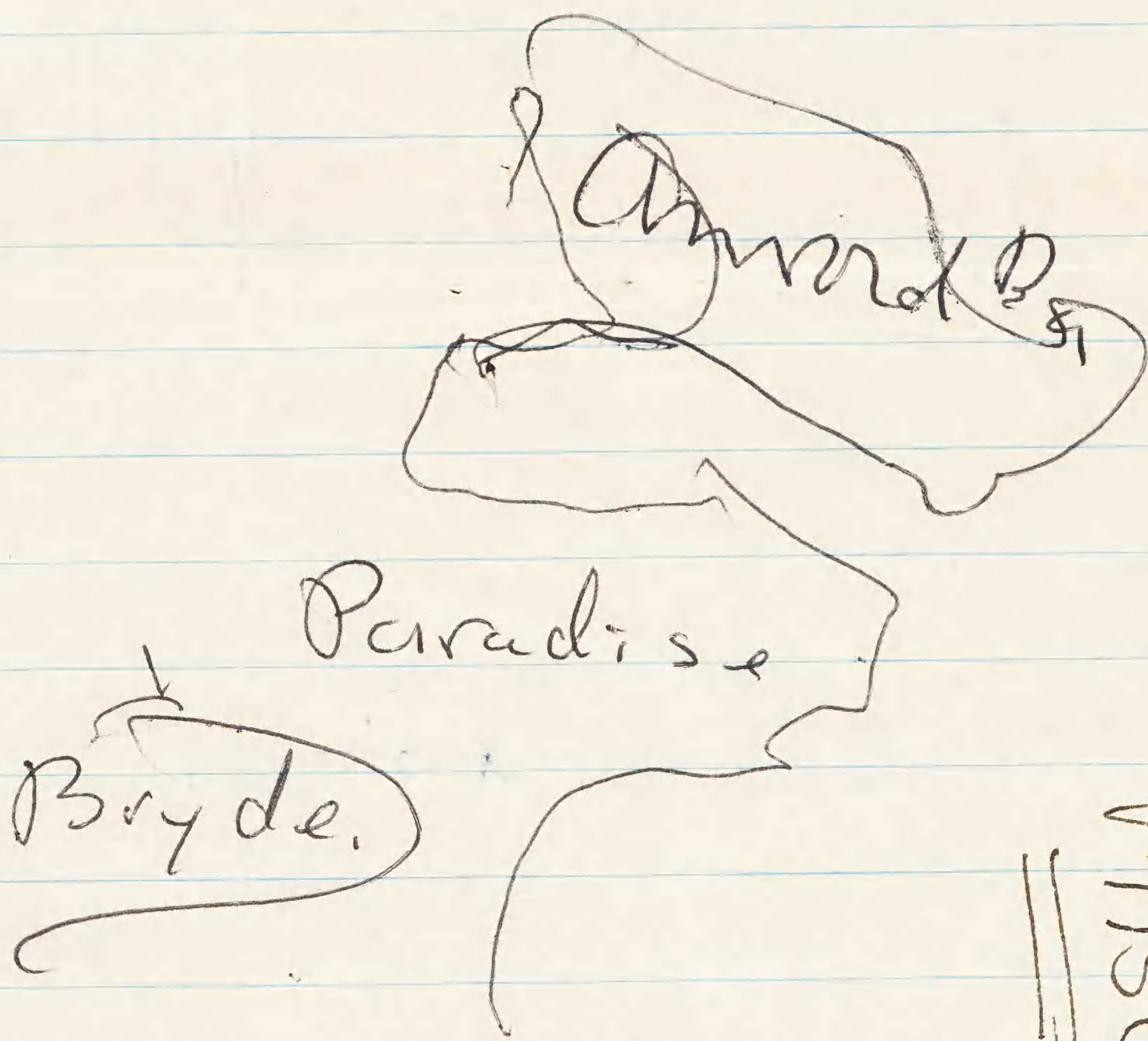
Uxeng Cape

Peterman Id

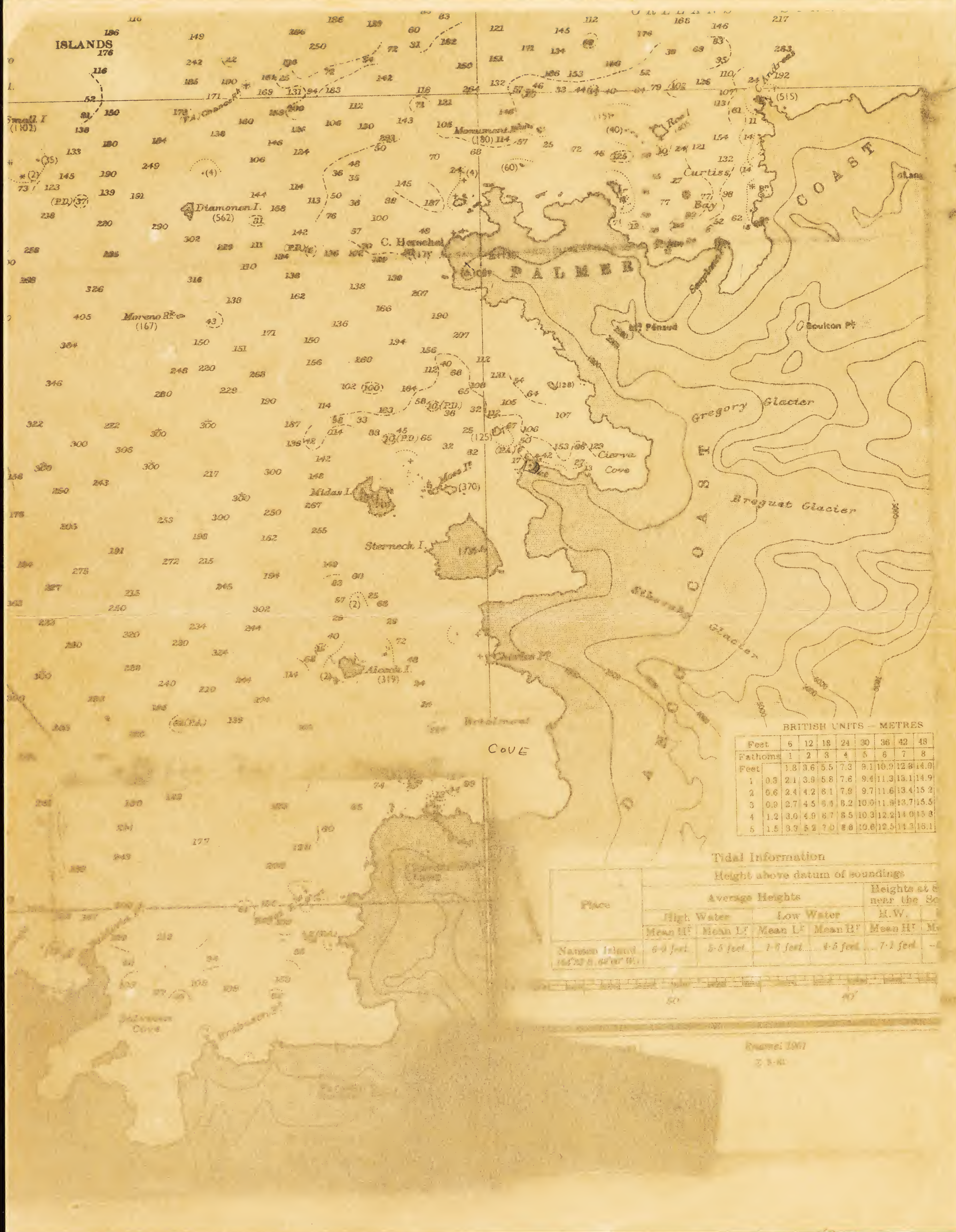
Danprogs Ids off NW angle of
Lemaire St.

Brachman

Seilach 8 1/2
Range Id. =
= Cuverville?



Misc.



BRITISH UNITS - METRES

Feet	6	12	18	24	30	36	42	48
Fathoms	1	2	3	4	5	6	7	8
Feet	1.8	3.6	5.5	7.3	9.1	10.9	12.8	14.9
1	0.3	2.1	3.9	5.8	7.6	9.4	11.3	13.1
2	0.6	2.4	4.2	6.1	7.9	9.7	11.6	13.4
3	0.9	2.7	4.5	6.4	8.2	10.0	11.9	13.7
4	1.2	3.0	4.9	6.7	8.5	10.3	12.2	14.0
5	1.5	3.3	5.2	7.0	8.8	10.6	12.5	14.3

Tidal Information

Height above datum of soundings

Place	Average Heights				Heights at e near the Se	
	High Water		Low Water		H.W.	M.
	Mean H ¹	Mean L ¹	Mean L ²	Mean H ²	Mean H ¹	M.
Nansen Island (62° 23' N. 62° 00' W.)	6.4 feet	5.5 feet	1.0 feet	4.5 feet	7.1 feet	-

B, 1 Case ~~FF~~ in Galindos

~~Do over P V. ref~~

C. VIII - 1 15 inch box
(?)

Bowl is referred to in
several places

Check Welchman's diary
in London

Add sheet for

Mythical Bury
+ Penguin

note

Fisher Scientific Co.
7722 Woodbury drive
Silver Spring, Md.

H. 289 - HEXAMETHYLENE
TETRAMINE

Have you these 10 bottles in
individual cartons for shipping; or

Can you supply 2 such
cartons

Bibliographic Index
to Anthropologic Biol.
Literature (Fed's
Int. publ.)

Guillermo Mann.

Revista Geografica de
Chile "T.A" No. 1 ano 1.
Septiembre 1948 Pag. 101-108

Expedition South
Lundun 1957
by W. Ellery Anderson

Ark Hunt

Johnson

Antarctic petrel:

Thalassica antarctica

Snow petrel

Pagodroma nivea

Giant petrel

Wilson petrel Oceanites ~~oceanicus~~ oceanicus

Skua Catharacta sp

Emperor penguin:

Aptenodytes forsteri

Adelie: Pygoscelis adeliae

Weddel Seal

Leptonychotes weddellii

Crab eater seal

Lobodon carcinophagus

Riller whales Orcinus orca

Emperor Penguin, Aptenodytes forsteri

Adelie

King

Apenuodytes patagonica

Gentoo ^{in Falklands}
easier studied

Brown skua

Catharactes ^{longiberggi (Mott)}
skua

Dove Prion

Pachyptilia desolata

Elephant seal

Weddell seal

Crab eater seal

Mirounga leonine

Weddel sea, S. Georgia

Compiled from Charts (photo copies given me by Andr. Price Lewis Feb 9, 1963)

In the Gerlache Straits area

Start ^{go North} ~~off~~ ~~Nansen Id.~~ ~~Shag colony~~ ~~near wrecks.~~

① N. end Delaite Id. small penguin colony

② Two rocks or islets south of the largest of the Racovitza Ids, both have small pen colonies on them.

③ On way to Cove ~~where~~ which wreck lies ^{Sven Foyn Hbr.} Shag colony.

left arm of Reclus Pen on 500 ft

⑥ head cliff (^{west of} ~~before~~ the 1270 elevation) has medium penguin.

⑦ Southern most of Gaston Id, med. ^{penguin colony} [and or ice?]

⑧ Many seals are on or about rocks and islets, ^{or north of} and east side of Cape Reclus, a Fulmar was seen in fly ^{Especially on Portul Pt and ~~at a distance~~ ^{perhaps a mile} south of it.}

⑨ ~~Shags~~ and sparse lichen on Andree I in Recess Cove.

Shags

④ ^{penguins} about on rocks and islets around Scarus Pt.

⑤ and ~~cape~~ ^{western} end of Bancroft Bay numerous shag colonies

- ⑨ ~~10~~ On peninsula ~~is~~ extending westward
Sandos Pl. a small penguin
colony either side.
- ⑩ ~~11~~ On northern extremity of Bluff Id
Small penguin colony, lichens
- ⑪ ~~12~~ on challenger I. many lichens.

From

Small under
1000

Med. 1000-5000

Salvesen Cove on South side

~~Braclmont~~ Bay

Dominican gulls on Point (many limpet shells)

(13) Spring Point Island to west large rookery Braclmont.

(14) Alcock Id outstanding Chinstrap colony

(15) { on peninsula bet Sternack I and Cienra Cove, Chinstrap.

(16) on small rock ^{South of} Cape Herschel and off "Palmer" coast a small penguin colony

(17) Across Small Bay just ~~to~~ North of Cape Herschel on small islets or rocks and on coast ~~with~~ small penguin colony and rich growth of lichens

(18) > Monument Rocks 5 small ^{colonies} and one medium Chinstrap colony. Numerous shags seen ^{were} here too.

on the North

W

Brachyura 3 crabs Rallbun.
Allicarcinus planatus
under stones

Neobarcinus (Potinus) antarcticus.
no locality

Martesia mawsoni (megalops)
at surface

Frozen lumps of algae; algae, diatoms, protozoa
rotifers & bacteria. [Commonwealth Bay
Adelie Land]
Certain bacteria have survived in liquid
hydrogen at -252°C for as long as 10 hrs.
(that is 10 hrs did not kill them.)
Many prefer mean temperature of their
environment. (-57°C is limit of
resistance of many to heat. (p. 75)
McLean A.L. in Austral. Antarctic Exped 1911-14
Sci. Repts. Vol. VII, pt. 4, Nov. 1919

Waite, Fishes

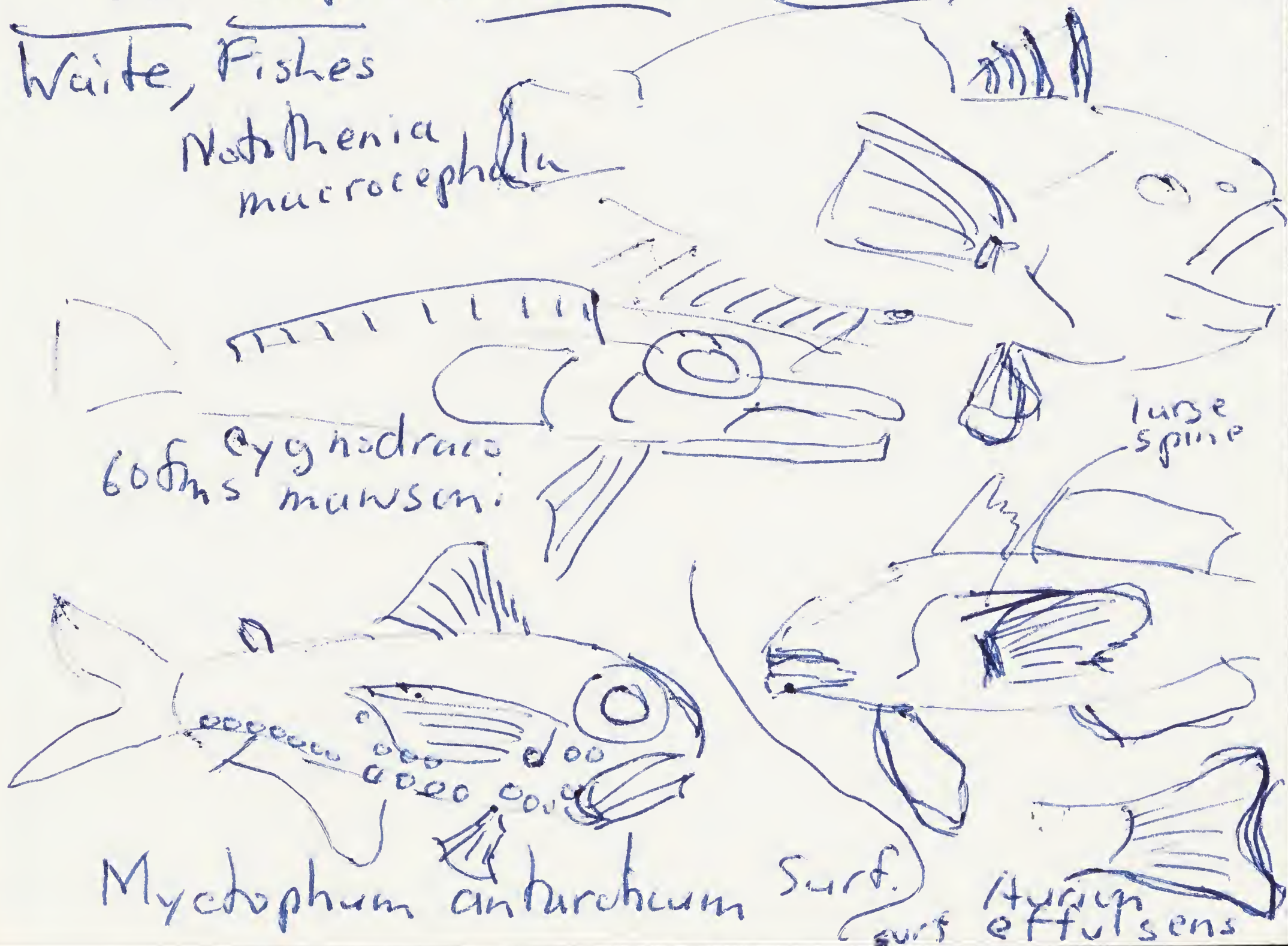
Notthenia
macrocephala

60 fms
Cygnodraco
mawsoni

Myxophum antarcticum

Surf.

400 fms
surf effulsens



British Mus. (Nat. Hist.)

British Antarctic ("Terra Nova") Exped, 1910.

Zool. Vol. 1 - Vertebrata. London. ~~(circa 1925)~~

#1 Fishes by C. T. Regan (June 27, 1914) issued.
pp. 1-54, 13 pls.

Trematomus 13 spp.

I. Upper surface of head naked.

(A) cheeks + opercles fully scaled

Interorbital width $3\frac{1}{2}$ to 5 in length of head

(B) > D. VI - VIII, 32-38 A. 32-36 newnesii
Interorbital $\frac{1}{2}$ or $\frac{2}{3}$ in head, D. IV - 37 A. 32-33 nicolai

(B) Cheeks and opercles scaly above, naked below

D. V - VI, 34-37 A. 31-33 borchgrevinkii

D. IV - V, 30-33 A. 29-30 brachysoma

II. Occiput scaly, cheeks and opercles fully scaled.

(A) Interorbital region naked, or in young fully scaled.

D. IV - VI, 33-38, A. 31-35

Interorbital region naked, or with single median row of scales, diam eye $3 - 4\frac{1}{3}$ in ^(adult) length of head. ^{young} bernacchii

Interorbital region with 2 or 3 series of scales in the middle; dia of eye $4\frac{3}{5}$ (adult) in length of head. vicarius

(B) Interorbital region fully scaled; preorbital naked

(1) 60-75 scales in longitudinal series
34-46 in upper lateral line.

D. VI - VII, 36-41, A. 33-36 hansoni

D. V - VII, 31-35, A. 31-35 loembergii

(2) 52-56 scales in long. series
30-36 in upper lateral line.

D. V - VI, 32-35 A. 29-32

Dorsal spines flexible pennellii

Dorsal spines pungent centronotus

- (P.II(3)) *Notobeniidae*
Notobeniidae
 on ice floe 67° 24' S 177° 34' W.
- Pl. II(3) *brachysoma*
- Pl. I(1) *bernacchi* Cape Evans and Adare 45-50 fms.
- Pl. I(2) *hansoni* Cape Evans
- ~~Pl. I(2)~~ *loennbergii* McMurdo Id.
- Pl. III(2) *pennellii* Cape Adare 45-50
- Pl. III(1) *centronotus* McMurdo Id. 100-200 fms
- Pl. IV(2) *Scotti* McMurdo 222-241 "
- Pl. IV(1) *lepidorhinus* Balleny Ids 200 fms
- Pl. IV(3) *eulepidotus* McMurdo Id. 160 (- 241)
- Pleurogramma antarcticum* Ross Sea 158
 Cape Evans frozen on ice berg.

- (C) Interorbital region fully scaled; preorbital ^{scaly}
- Snout & lower jaw naked. D. IV-VI, 31-34.
 A. 29-32. 46 to 54 scales in a longitudinal series. Scotti
- Snout and lower jaw scaly, D. VI-VII, 31-33.
 A. 34-36, 70-80 scales in a long series lepidorhinus
- Snout and lower jaw scaly, D. VI, 35-36,
 A. 33-34, 70 scales in a long series eulepidotus

Note - Harpagiferinae
Arctodidraco orange V (2)

Barbels

skottsbergii V (1)
shacketm.
lunbergii V (2)
Histiodraco retifer V (3)

Pogonophryne scotti VI (1)

Bathydromidae

Prionodraco evansii VII (1)

no barbel
Chaenichthyidae

Pagetopsis macropterus

Cryodraco atkinsi VIII (2)

Chionodraco kathleenae VIII

Chaenodraco wilsoni IX (1)

Liparis Sasciahus IX (2)

Cyclopteridae

Paratiparis antarchicus (Pl. II) (1)

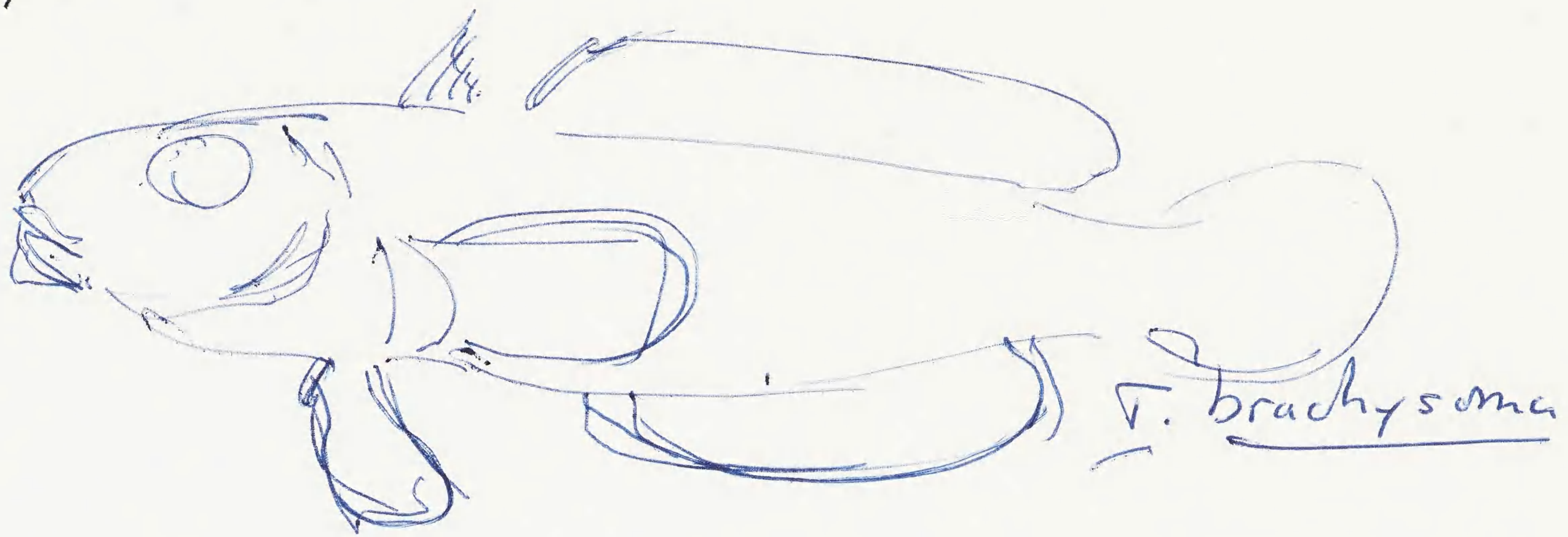
fig 2

much alike

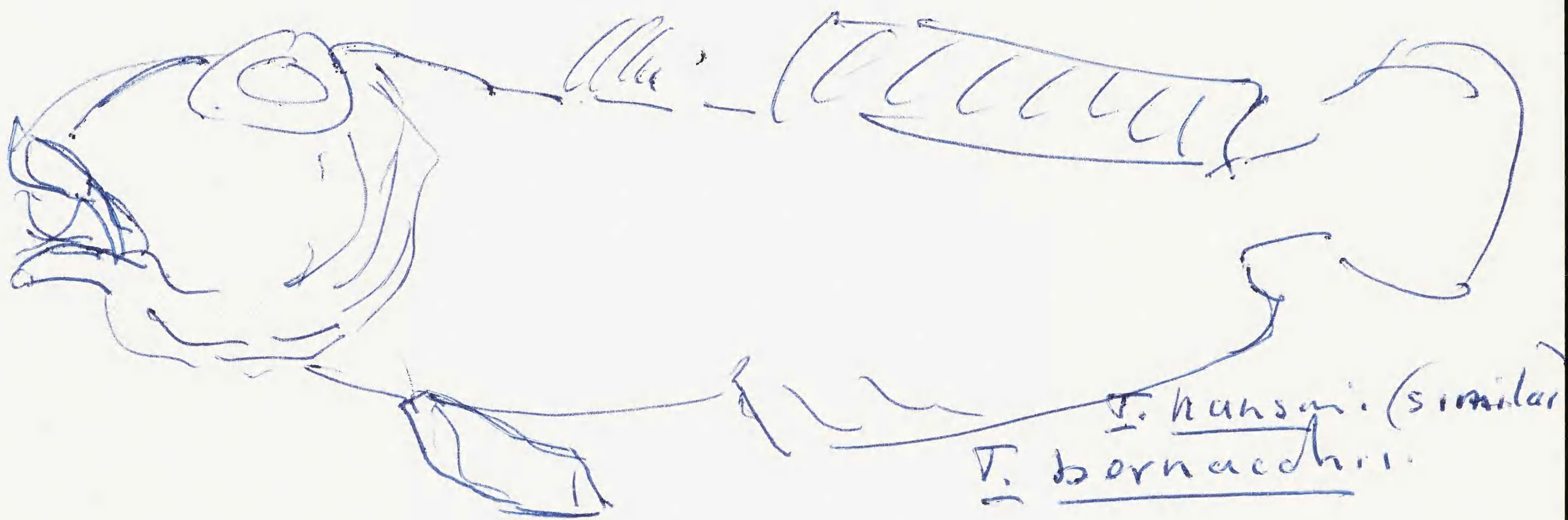
Opercular spines

dorsal
very high
infini

very
long
pectoral



T. brachysoma



T. hansenii (similar
T. bornacchii)

Penaeidae

Solenocera Novae-zealandiae

Sergestes 8 spp.

Leucifer 3 "

Pasiphaea longispina

{ Phalassocaris novae-zealandiae

{ Pandalus paucidens

{ Rhynchocinetes typus

Dippolytidae

Chorismus antarcticus

Pozeuma novae-zealandiae

Palaeomonidae.

Periclimenes.

Crangonidae Aegeon

Squilla Archus

Axius

Gammarus

Decapoda

Brachyura

Portunus

P. tumidus

Goneplax

Grapsus

Plagusia

Hemodromidae

Elanoida

Echinomys

Parahippocampus 2 spp.

Persephone

Waldo L. Schmidt

U.S. National Museum

Washington 25, D.C.

U.S.A.

Waldo L. Schmitt

U.S. National Museum
Washington 25, D.C.
U.S.A.

End
nodes

1320

2640

2250

1396

1320

1250

3960

1390

2570

keep spongy & other spec. in his
Dredge haul at bottle

anchorage, Port
Lockroy, Wienck,

Id. from 31 hrs
sample mud both

saved
Jan. 26, 1963

High
silica
sponge
common
—

24

Brunchiopods

Sta F. W. pools above hut Point Arthur
41c-63 Jan. 23/63. | 2 Bottles full of vegetation saved.

Spring Point
Feb. 24, 1963
#59(a) - 63

59(d)-63

#64-63

Feb. 28, 1963

64 - 63

47
fms

Feb. 28, 1963

Ardley Park Ranch.

SOx 25-63

Feb. 4, 1963

Bo Am sample

Schm: 16

Rosamel Id

Paulet Id

Spring Point

Feb. 24, 1963

#59(d) - 63

#

59(d)-63

Bottom sample from
dredge haul in 31 fms
at anchorage in Port
Lockroy Wilkes Island
Jan 26, 1963

False Bay,
Livingston Id.,
Feb. 25, 1963

Ballard Coll.
Paradise Bay
Feb 3, 1963.

dellydish (Ctenophore)


Sda. 22 - 63

To Jones From Schmitt

Should it be necessary
await receipt of photographs
and survey data relative
site areas made by Navy
and delivery might take
a week before final decision^{ing}
could be arrived at I
personally would like to
urge that your survey
party be directed to pay
respects in person to
The Antarctic Institutes of
Chile and Argentina be-
fore returning home.

On the score of future
relations and goodwill
this should be done. The
opportunity should not
be lost. Return will
not be delayed thereby

by more than five day
beyond those needed
to wind up affairs aboard
and in Valparaiso. For
the days needed for sug-
gested visits participating
party members will ~~also~~^{forego}
~~some~~ per diem compen-
sation

Any ~~others~~ Id. 2nd
Pat Lockroy
South  Lake behind
house

Argentine Ids.
Da

3 Dango Id. 1st
A Livingstone Id. 2nd I

H.O. 66 39
Palmer Peninsula

Killip

NNNNFFFFFUKP A043CHC048FDA115

RR RUHPM

DE RUECD 103

ZNR

T

R 101945Z

FM USARP WASHDC

TO REP USARP CHRISTCHURCH

INFO COMANTARCTIC SUPPACTY

COMNAVSUPPFOR ANTARCTICA

ZEN/REP COMNAVSUPPFOR ANTARCTICA WASHDC

REP USARP MCMURDO

BT

UNCLAS

NR 67

DR SCHMITTS SKED

1. BELIEVE IT WOULD BE DESIRABLE FOR DR SCHMITT TO SPEND AS MUCH TIME AS POSSIBLE AT MCMURDO OBSERVING WORK IN THE BIOLOGICAL LABORATORY AND MCMURDO AREA

2. REQ YOU ARRANGEZEST TRANSPORTATION FOR THIS AND REVISED SAILING OF EDISTO

CRARY

BT

10/2106Z Dec 62

Action - Usarp

Plankton Net used by Dr. Schmitt
in Antarctic, 1963

The ring has an inner diameter of 19 inches, varying slightly, since it is not an accurate circle. It is attached to a forward net 32 inches long with 1/4-inch mesh, somewhat constricted in middle portion. The posterior part of the net is conical, 60 inches long, with a mesh size of 0.4-0.5 mm, apparently No. 1 bolting silk (or nylon?) which has a mesh size of $\Phi.417$ (Sverdrup, Johnson, & Fleming, Table 59).

Naval Message 02 March 63

Unclass For Crowell Palmer Station A. M. 181539Z
Jan Budocks LTR Feb 1.

Discussions subsequent to Ref. B. Reveal that first increment [sic] of Palmer Sta can probably established in JNBV 2. Preliminary planning for a 20 man camp going forward A. Will utilize pre fabrication concept which were [sic] very successful at Eight Sta B. Unit Layout being kept flexible so adjustments can be accomplished if necessary and the site permits 3. When survey is completed recommend that you, Schmitt, McDonald and Borg proceed ASAP from first possible port. Advise port and ETA so all travel can be arranged for all. T.O. Jones.

Argentine Ids
H. 1/6 Downy Gull (resident.)

V. 1/6 Great Skuas (breed)

Th. 1/6 Tern (breed)

H. 1/6 Giant Petrel (visitor ^{bad} weather)

Th. 1/6 Shearwater (winter visitor)

Th. 1/6 Wilson's Petrel (breed.)

Snow Petrel (breed locally)

Black-legged Kittiwake (breed)

Adelie Penguins (Yalou Is.)
Peterson

Gentoo Penguin (Peterson)

Basals.

Blackstrap Emperor Penguin.

Lamprey
sardine type

4293/T. 3821 10/59 B. & S. Ltd. 1346.

* CENTRAL DIVISION MAY BE IGNORED IN SPECIAL CIRCUMSTANCES

CONFIDENTIAL

CONFIDENTIAL

TASK

STATION

DATE

POSITION

OPERATOR

PAGE

TIME
G.M.T.FREQUENCY
in kc/s

CALLS AS SENT

LOG*

Strength
Read-
abilityD/F
R.F.P.
etc.LOG
SERIAL

CONFIDENTIAL

Q. 93^① last paragraph
currents in distr. & migrations
are less of an explanation than
supplies of Food.

[Diatoms nutrients & sunlight
more important than
salinity & temp
In slide PP MacArthur

3 + 4 comments

Walker 24% on Grand (N.S.F.)
Dead Sea 5 checks

93²

Many of these features can probably be explained in terms of currents, both vertical & horizontal, but until we know something of the speed of the currents we do not know how realistic such hypotheses may be. In other cases we can only presume the existence of a current from the animal distributions and look forward to physical confirmation of the supposition.

43②

Just don't write a paper?
: for ~~the~~ sake of achieving
a little make it a well rounded
complete as possible discussion
expositional of what you found
and learned

M.S.F. are ^{perhaps} grants but ^{soon become} continuing
things for which permanent jobs
had better be established jobs in which
prof or student doesn't anyhys run back to

Q3^④
College.

N.S.F. should not be
training grad students Univ. should
do that only finished product
should be given grant qualified

* principal investigator is
often too busy with school
duties (or other wise even to
draft m.s. or perhaps because
of his own inadequate preparation is
competent to do so.

James E. Tyler

Stanford Ichthyological Bull.

Vol. 7, #4, 1960, pp. 199-201

Tremotodus

Nothobranchius

erythrocytes^{very} few.

Were taken in Weddell Sea
at Ellsworth Station
and at Victor Hugo Island.

Joseph Donnelly

Antarctic Bloodless Fish.

Ryan

Pat Mahanahlin.

Williams

John Wells

{ Ernie July Aug.

{ late Sept. Oct. Nov.

Fenner reformat.

Ross Sea Fauna

24th

Save these notes
re trip
over to Pakup
Land

= 6 days before

= first iceberg

7 mls. date
line
spring
day

11th

{ Ice = 810e
patch of ice

at

8 days on ice all day

350

Best day 342

(32)

Port.

206

136

down
up

15th

Icebergs all day

17th Marguerite Bay

18th Seas. at British Base

Best ice year in 6

18th at midnite just hark on

Have come 3700 miles

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RECOMMENDED BOOK READING LIST FOR PALMER PENINSULA

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The Richards Press, 1928

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14 x 18 1/2, \$15, Simon & Schuster.

JANUARY 1962

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Portrait

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Policy & Book to be read Planning

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Portrait

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Portrait

UNITED STATES GOVERNMENT

FEBRUARY 1962

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AUGUST 1962

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~~Ask Dale Stewart
for lunch date re
job for~~

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NOVEMBER 1962

Sun

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DECEMBER 1962

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1961

JULY							JANUARY						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
					1	2	1	2	3	4	5	6	7
3	4	5	6	7	8	9	8	9	10	11	12	13	14
10	11	12	13	14	15	16	15	16	17	18	19	20	21
17	18	19	20	21	22	23	22	23	24	25	26	27	28
24	25	26	27	28	29	30	29	30	31				
31													
AUGUST							FEBRUARY						
	1	2	3	4	5	6				1	2	3	4
7	8	9	10	11	12	13	5	6	7	8	9	10	11
14	15	16	17	18	19	20	12	13	14	15	16	17	18
21	22	23	24	25	26	27	19	20	21	22	23	24	25
28	29	30	31				26	27	28				
SEPTEMBER							MARCH						
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OCTOBER							APRIL						
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16	17	18	19	20	21	22	16	17	18	19	20	21	22
23	24	25	26	27	28	29	23	24	25	26	27	28	29
30	31						30						
NOVEMBER							MAY						
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13	14	15	16	17	18	19	14	15	16	17	18	19	20
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27	28	29	30				28	29	30	31			
DECEMBER							JUNE						
				1	2	3					1	2	3
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18	19	20	21	22	23	24	18	19	20	21	22	23	24
25	26	27	28	29	30	31	25	26	27	28	29	30	

1962

JULY							JANUARY						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
						1		1	2	3	4	5	6
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9	10	11	12	13	14	15	14	15	16	17	18	19	20
16	17	18	19	20	21	22	21	22	23	24	25	26	27
23	24	25	26	27	28	29	28	29	30	31			
30	31												
AUGUST							FEBRUARY						
		1	2	3	4	5				1	2	3	
6	7	8	9	10	11	12	4	5	6	7	8	9	10
13	14	15	16	17	18	19	11	12	13	14	15	16	17
20	21	22	23	24	25	26	18	19	20	21	22	23	24
27	28	29	30	31			25	26	27	28			
SEPTEMBER							MARCH						
					1	2				1	2	3	
3	4	5	6	7	8	9	4	5	6	7	8	9	10
10	11	12	13	14	15	16	11	12	13	14	15	16	17
17	18	19	20	21	22	23	18	19	20	21	22	23	24
24	25	26	27	28	29	30	25	26	27	28	29	30	31
OCTOBER							APRIL						
1	2	3	4	5	6	7	1	2	3	4	5	6	7
8	9	10	11	12	13	14	8	9	10	11	12	13	14
15	16	17	18	19	20	21	15	16	17	18	19	20	21
22	23	24	25	26	27	28	22	23	24	25	26	27	28
29	30	31					29	30					
NOVEMBER							MAY						
			1	2	3	4			1	2	3	4	5
5	6	7	8	9	10	11	6	7	8	9	10	11	12
12	13	14	15	16	17	18	13	14	15	16	17	18	19
19	20	21	22	23	24	25	20	21	22	23	24	25	26
26	27	28	29	30			27	28	29	30	31		
DECEMBER							JUNE						
					1	2					1	2	
3	4	5	6	7	8	9	3	4	5	6	7	8	9
10	11	12	13	14	15	16	10	11	12	13	14	15	16
17	18	19	20	21	22	23	17	18	19	20	21	22	23
24	25	26	27	28	29	30	24	25	26	27	28	29	30
31													

1963

JULY							JANUARY						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
1	2	3	4	5	6	7			1	2	3	4	5
8	9	10	11	12	13	14	6	7	8	9	10	11	12
15	16	17	18	19	20	21	13	14	15	16	17	18	19
22	23	24	25	26	27	28	20	21	22	23	24	25	26
29	30	31					27	28	29	30	31		
AUGUST							FEBRUARY						
			1	2	3	4					1	2	
5	6	7	8	9	10	11	3	4	5	6	7	8	9
12	13	14	15	16	17	18	10	11	12	13	14	15	16
19	20	21	22	23	24	25	17	18	19	20	21	22	23
26	27	28	29	30	31		24	25	26	27	28		
SEPTEMBER							MARCH						
						1					1	2	
2	3	4	5	6	7	8	3	4	5	6	7	8	9
9	10	11	12	13	14	15	10	11	12	13	14	15	16
16	17	18	19	20	21	22	17	18	19	20	21	22	23
23	24	25	26	27	28	29	24	25	26	27	28	29	30
30							31						
OCTOBER							APRIL						
	1	2	3	4	5	6				1	2	3	4
7	8	9	10	11	12	13	7	8	9	10	11	12	13
14	15	16	17	18	19	20	14	15	16	17	18	19	20
21	22	23	24	25	26	27	21	22	23	24	25	26	27
28	29	30	31				28	29	30				
NOVEMBER							MAY						
				1	2	3				1	2	3	4
4	5	6	7	8	9	10	5	6	7	8	9	10	11
11	12	13	14	15	16	17	12	13	14	15	16	17	18
18	19	20	21	22	23	24	19	20	21	22	23	24	25
25	26	27	28	29	30		26	27	28	29	30	31	
DECEMBER							JUNE						
						1						1	
2	3	4	5	6	7	8	2	3	4	5	6	7	8
9	10	11	12	13	14	15	9	10	11	12	13	14	15
16	17	18	19	20	21	22	16	17	18	19	20	21	22
23	24	25	26	27	28	29	23	24	25	26	27	28	29
30	31						30						

FISCAL YEARS

JANUARY 1963

Sun

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Tue

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Sat

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1962 United States Government Calendar



THIS CALENDAR IS DESIGNED FOR THREE-ON . . .

This arrangement shows any three consecutive months desired. The most common use would show the past, current, and following months. Leaves are printed on both sides so that each 12-month pad of six leaves serves any three consecutive positions through January 1963. Boards, fitted with hooks for hanging the calendars three-on, may be ordered as a separate item.

Separate the leaves at the perforation. Save board from previous year and hang separated leaves on appropriate hooks.

Do not destroy leaves as each leaf contains two months, one on each side. Store remaining leaves on bottom hooks.

JANUARY 1962						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

FEBRUARY 1962						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28			

MARCH 1962						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

OR SINGLE USE

For single use do not separate the leaves at the perforation or discard them after use as each leaf contains two months. Hang on nail or by thumbtack and fold leaves over as months pass.

JANUARY 1962						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

U. S. P. A. L. S

USPALS

(Us pals)

United States Palmerland Antarctic Laboratory
Survey.

The Polar Record
Vol. 10, No. 67 Jan '61

Dr B. Carrick

Diving in Antarctic Waters

by M. Neushul

Dept. Bot.
Univ. Wash

Issued by the Scott
Polar Research Inst.

Cambridge

mentioned p. 173 Lenth
A. C. Bogdanovich Rept.

1959-1960 Exped to
Paradise Harbor
Crucco Coast

U.S. Observer at Chilean "Videla"
station.

Nathaniel Brown "Hero"
Palmer Nov. 18, 1820

Wilkes made existence
of Continuum
known

Davis was first person
to set foot on North America.
on Parker Olenus in Feb 7, 1821
"Oecilia" Schomer

Ellsworth

East Base, at
Marguerite Bay
in Palmer Pen.

Pt. of letter to Fenner

1. I, 63

... called on Dr. J.W. Brodie - ...
quite a place in a loft Bldg. ... are making
a study ~~of~~ (\pm ecological) of fauna
round about the whole of N.Z.; stations
equal lines out from shore at 40 mile
intervals and are getting most of stuff
worked up, chiefly by a younger
generation of enthusiastic (and up-
coming) systematists and a few older
former amateurs. Have picked
up a couple of publications, and can
get more by writing. Brodie's effort
is also working in a much needed thing.
Several numbers have been published and more
to come. The Stanford collections that Ted has
concerned about ("me too") are largely here,
~~but~~ other than what Dearborn and
other Stanford students may be dabbling with.
An R.G. Miller is supposed to be working up
the fishes has so far produced only a few
scattered, little papers. Enough for here &
now

ANTARCTIC ACTIVITIES 1962 - 63

United States Antarctic Research Program
National Science Foundation



LEGEND

U.S., U.S. Cooperative or Exchange Station

Foreign Stations

Aerial Photography for Mapping

Geodetic Control --- Topo East and West

Topographic Map Compilation

Geological Studies

Ice Movement Studies

Pole Traverse

Eltonin Completed

Planned

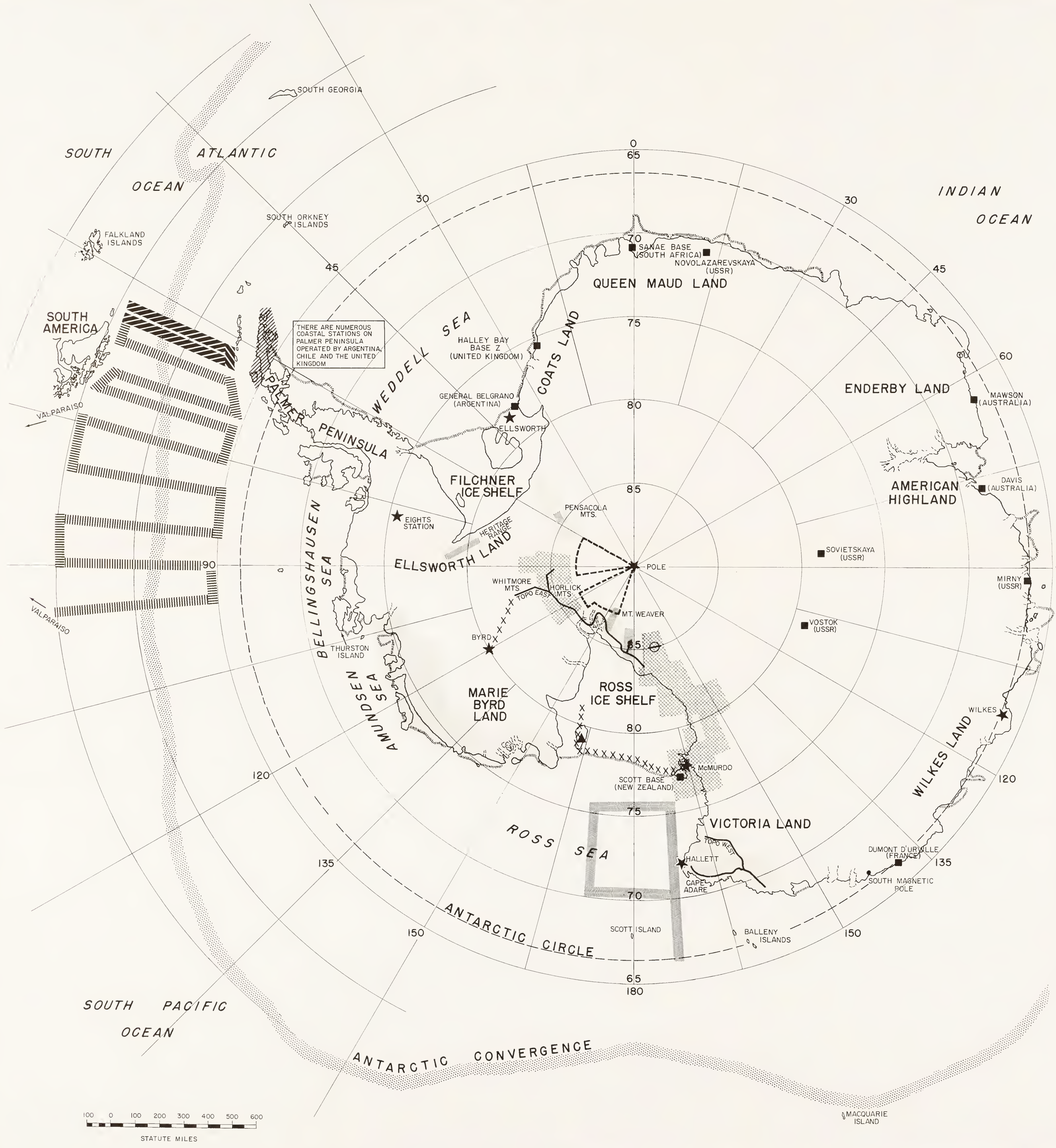
U.S. Navy Icebreakers

Roosevelt Island Glaciological Study

Plunkett Point Investigations

Palmer Peninsula Site Study

STATION DESCRIPTION							
	BYRD	EIGHTS	ELLSWORTH (ARGENTINA- U. S.)	HALLETT (U. S.-NEW ZEALAND)	McMURDO	POLE	WILKES (AUSTRALIA- U. S.)
LOCATION	LAT. 79° 59' S LONG. 120° 01' W	LAT. 78° 18' S LONG. 78° W	LAT. 77° 43' S LONG. 41° 08' W	LAT. 72° 18' S LONG. 170° 18' E	LAT. 77° 51' S LONG. 166° 37' E	LAT. 90° S LONG. ----	LAT. 66° 15' S LONG. 110° 31' E
FEET ABOVE SEA LEVEL	4,971	1,500	131	16	102	9,184	30
ESTABLISHED	1957	1962	1957	1957	1956	1957	1957
TERRAIN	ON IN- LAND ICE	ON IN- LAND ICE	ON SHELF ICE	ON GLACI- AL MORAIN	ON VOL- CANIC ASH	ON IN- LAND ICE	ON ROCKY HEADLAND
METHOD OF SUPPLY	AIR	AIR	SEA	AIR SEA	AIR SEA	AIR	SEA
NUMBER OF BUILDINGS	15	12 (Air Transportable)	17	11	70	11	10
MEAN ANNUAL TEMPERATURE (°F)	-18.6	-12.6 (estimated)	-8.5	-4.2	+0.1	-56.7	+16.9
MEAN TEMP. (°F) DEC., JAN., FEB.	+1.6	+11.2 (Jan Feb)	-14.4	+28.2	+21.6	-25.2	+28.9
APPROXIMATE WINTER PERSONNEL (SCIENTISTS) (NAVY)	11 19	5 6	13 13	6 12	8 185	10 11	20
AIR DISTANCE FROM McMurdo (STATUTE MILES)	885	1,525	1,580	380	----	820	1,330



Parka) is Park, balaclava
wind be Mittens Sun glasses
in zipper

Knife { spare socks
wind proof pants } suspenders
sleeping bag }
Towel; spare mitten & liners
Face mask
emergency goggles.

#1 spare film
pocket camera & light meter
#2 pock mitten & knife, matches

Nook
Post

68 S
70 W.

F. Boyd Potts.

110 Brackensdale Avenue,

Kingsway,

Derby,

U.K.

E. CHINN,

55, St. CLÉMENT'S AVENUE,

LEIGH-ON-SEA,

ESSEX,

ENGLAND.

The silverfish
Archie Nash picked up
on snow is also a

Notstheniid:

Pleuraagramma

monotypic genus antarcticum
one of many odd genera in this
family.

R. E. J. Levin

Home Farm,

Rowsham

AYLESBURY

Bucks

During 1964

R.E.J. Lewis,

British Antarctic Survey,

Argentine Islands,

via Stanley,

Falkland Islands

East side Graham Land ^{Admiralty}
The Admiralty "Antarctic Pilot"
James Ross Id. group. p. 179

*50 yd. apart
fair sized
scattered
nesting* Penguin Bay on south- line 16
eastern side (beyond
the deep valley we all
saw ~~small to~~ ^{of} ~~deep valley~~ ^{of} South side
Cockburn Island, colonies lines 24
of penguins and cormorants 25
inhabit the scree slopes on
the northern side of the ~~no seen!~~
island.

*ice coming in
ice bound
did not
get there* Smallest of 6 islands in Prince p. 181
Gustave Channel, on a jag- line 29
ged rocky peak (304 m) is
a colony of Adelie penguins
on its north eastern side

*did not
see* Vega Island — About 1 mile east-
ward of Cape Well-met lies Devil
Island. "There is an Adelie
penguin colony on northern side
of this island." p. 177

line 11,
12

No penguins (penguin colonies) on
James Ross or Snow Hill
Island, mentioned in "Antarctic Pilot"

no other colony
of consequence
noted in Ross
Isd groups

Thomby For 2079
73

? re Yandree
Hank

with ice down 14 by 1/2
with wind

Gustave Channel was
ice bound ~~but we~~ did not get
in ~~there~~ ^{therefore we could not} ~~there~~
verify existence of colony
of Adelie penguins said
to be on north ^{eastern} side of
a jagged rocky peak ~~from~~
~~the Amalthea~~ ^{the muller}
of six islands, a mere
jagged ^{rocky} peak nearly a
1000 feet high.

Did not get over to Vega
Id, ~~where~~ ^{the northern side of} Devil's Id,
1 mile eastward of Cape Well-
met There is an Adelie
Penguin colony (Admiral's
repr)

East side Graham Land } Admiralty

Adelie penguins on Beh. Moody

few pairs
to a million
birds

showed his
rough tip
to dark
night Feb. 20/63

westward on Joinville Id.
A colony of penguins has been observed
at this cape
large colony near Crater Lake
Paulet Id. + small shag colony.
not seen

Hope Bay (W. side Antarctic Id.)
large colony on S. side of bay
and few gentoo

Penguin colony on lower slope of
ice capped mt. 8 miles to S.W.

P. 174
line 46

East side Antarctic Id. d'Urville
Id. small beach on which there is a
penguin colony

Saw on
Heilmann
Point

N.E. Western extremity of
Joinville Id. square shaped
bay, good landing + route
to ice cap, on Cape penguin
colony mostly Adelies + few gentoo
also 2 rocks with Adelies.

Dundee Id. gentoo + larger
colony on shore of Active Id.

Irizar Id penguins in
on N.W. extremity also Dominican
gull (= Black backed
gull

Paulet Id Crater Lake

formulated
densest 0.8
3-5 acres

right above

~~A in Active~~

Chart 3205

just off
Western

Active site
hatched

on Beach
looking

~~Mass~~

on rock piece

no seals on either
shore or Seymour

and east of 1960 peninsula

Trizar N.W.

Good far
off to
see

Serymagor on
Uruguay
N.E.

With information at hand ^{As far as our}
Antarctic Pilot (Admiralty etc) ^{obs.}
There are no colonies ^{and} ^{go}
~~to~~ penguins have been re-
ported from on either
James Ross, or Snow Hill
Island

^{no seals}
^{seen on}
^{south hill of}
Seymour

On Seymour Id. There is a
sparingly settled rookery of
~~fair sized colony~~ of
more or less scattered
nesting sites ^(on the hill)
or indeed bird
No other colony or conse-
quence
Penguin ~~is~~
seen in Ross Id.
group

Cockburn Island did
not see the colonies of
penguins and cormorants
reported to inhabit scree
slopes on ^{its} north side ~~at~~

James Ross Id group.

Admiralty

Vega Id. Adelie colony on N side Vega Id
O James Ross Id. p. 176
O Snow Hill Id.

→ Seymour Id. Large penguin
colony in Penguin Bay
good holding ground 12 hrs

Cockburn Id. penguin +
cormorants

Smallest of ⁽⁶⁾ Ids in Prince Gustav
channel penguin colony on N.E.
side

N. coast Trinity Peninsula.

Southern most Id. of Cooper group
small gentoo colony

very few seals.

James Ross Vega

Bahia
Suspiros
Cape to North.
Wood. has
Penguin colony

Bransfield



Durville

Bird colonies
here - s
other penguin

Joinville

Perth Sd.

Rodriguez
Petrel

~~Tharzes colony
in area~~

Dundee

Irizar

O Pauls

C. Serrangeour

Uruguay

Pt. 311

Sum

Snow Hill

Long
Robertson

Estrecho
Antarctico
Argentine 124
chars.

On Joinville

E. Side Anarchis Id. d. Urville Id. small colony,

Hope Bay Adelies, Gentoo, Chinstrap.

W. side Anarchis Id.

5 miles to S.W. another.

Irizar. Penguin, on N.W. extremity.

Dundee gentoos on N.W. extremity.

Pawler Id.

Gustavo Channel

Seymour has penguin. East side

Cook Burn Id. { did not see
reptiles
Penguin & murre.
on N. slope

Yeger Id Adelies
did not get to Yeger

Penguin notes to
be further organized
with chart

Melichor - Gamma Id. ^{Lenton} Sta
temp = 33° to 25° area West Medhurst inner
Hbr. free from swell.
100 small for mechanized equip.
p. 65 Flush drilled

Neko Harbor Andvord Bay
Danco Coast

64° 51' S 62° 31' W
p. 173 Bidy 3 species ~~penguin~~ ^{several}
Paradise Hbr. Danco Coast. penguin
approaches, difficult rookeries
no well protected anchorage area

p. 136 Port Lockroy Wiencke Id.
64° 49' S 63° 30' W.

No aircraft except float planes
could operate from this area.
2 Gentoo penguin colonies

2000 Bay no aircraft. Louis Philippe
Peninsula
p. 140

Galindez Id. 65° 15' S } On winter Id
64° 15' W }
p. 143
Argentine Ids 5 miles from mainland

p. 173
A.C. Bogdanovich U.S. obs. Chilean
1959-1960 Exped re Paradise Hbr
Danco coast

→ Charcot Bay (Fish. Cormorant ^{see p. 141} penguins) nearby
Mikkelsen Harbor (Hoseason Abr) is site of first discovery of Antarctic cormorant by Palmer

(P. 143) ? Has submarine Tunnel
Auguste Id mostly snow free

(P. 145) → Cobalosow Isle (Penguins & cormorants)

Svend Foyn Harbor
(near Cape Anna)

(P. 147) Has Wreck (33 feet exposed)

Cape Anna nesting site for

P. 149 countless cormorants & gulls
Mosses & lichens too

(P. 140) 4-4

Lenth

(*) + H.C.

Cape Roquemaurel

Cape Ducorps to Cape Roquemaurel
24 miles W. S.W. to Roque-
626 high.

~~not~~ P. 140 (4-4) Sheltered within it, a little
seen harbor; tide pools with algae

hot
seen

Bernado O Higgins Base
is at Cape Logoupil

Cape Roquemaurel is about
50 miles S.W. of Cape Du-
bourzet which is at N.E.
extremity of L. Philippe Pen.

From C. Dubourzet 7 miles to
C. Siffrey 17 miles to
C. Logoupil pool (anchorage)
to Ducorps (9 miles)

Burn Bay is bet. C. Logoupil
and C. Ducorps

From Ducorps to R = 24 miles

Cape Kjellman

→ Charest Bay
Cape Kater

7
17
9
—
32
24
—
56

Graham Land 2nd ed. Antarctic
Pilot. (Eng.) 1948

15 varieties of birds breed on west
side of Graham Land.

= 3 penguins, gentoo

Adelie

ringed.

6 petrels

sheath bill

2 skuas

Dominican gull

Tern (*Sterna vittata*)

Petrels = giant, Cape pigeon, silver grey

The Antarctic, - snow - Wilson's petrel

One of skuas Catharacta skua mag-

comichii, and three of the ^{other} birds

Adelie, Antarctic petrel and are

almost exclusively indigenous to
Antarctic regions.

Joinville Id. Cape 25 miles
westward of Moody Pt. has colony
of Adelies.

(p. 173)

~~Pauler Id.~~ 3 miles westward
of S.E. extremity of Dundee Id

Ice free on N. ^{East} side and with
gravel beach at back of which

is a lake. Harsen wintered

here after wreck of Antarctic in 1903.

Near crater lake there is a large Adelie
penguin colony.

Crater Lake Y
Baquette Id p. 173

See Larsen & wreck of Ant.
arctic 1903

Swedish S. Polar Exped 1901-03
wintered at Snow Hill
Crew wintered at Baquette Id. rescued
by Uruguay

1902-4 Scottish Natl. Ant. Exped

1903 Argentine Rel. & Exped.
Julian Irizar (Vessel - Uruguay)

Ice in Antarctic Id. is
rarely sufficiently heavy to
prevent navigation, but south-
ward of Ross and Id the ice
conditions are frequently much
worse / Mount Flora
The Pyramid
= Large colony of Adelia Penguins
on Hope Bay & gentoo

Island & S.W. side d'Urville Id has
penguin on its N.W. side.

Joinville Id, North Cape (Penguin colony)

West side Antarctic Id

Eastern side
Antarctic Id.

2

Frederick & Terror G. 18-19 very
p. 178 bad

~~Penguin~~

Feb. 21/1963

Bay. 1 and 2 miles N.E. of western extremity of Joinville is a square shaped bay $\frac{3}{4}$ mile wide and indenting island for about a mile.

On northern side a cove with good landing for getting on to the ice cap.

On this cove is a penguin colony mainly Adélies with a few Gentooes

In Bay are two rocks with Adélies

Suspiros Bay

I Avian Island Adelie

II Torgeson Id "

III Lockroy Gentoo

Dorian Bay
(Dunoy Pt) "

Priest Id Shags
(Peltier Channel)

IV Petermann Id { Gentoo
Adelies

Cape Tuxen — Shags

Labour

Pleneau Gentoo

V Gentoo Chin straps
Shags

VI Chin straps - Gentoo

VII name

VIII ~~See accompanying~~
charts, ~~all~~
~~see~~

(1)

Adelaide Island area:

Mosses, lichens, marine algae

Mites, springtails

Fresh water branchiopods

Nemertean worms

Starfish, sea urchins

Amphipods

Birds seen: Adelies, Dominican gulls
Skuas, Blue eyed shags,
Terns and Shear-bills

Arthur Harbor, Anvers Island area:

Mosses, lichens, fresh water and marine
algae

Fresh water branchiopods

Nemertean worms

Mollusks

Amphipods

Sea squirts

Notomniid fish

Birds as above

tall bands around their legs with the reference number duplicated in such a way that it can be read with ease.

Report anything of interest to local biologists, natural history societies or zoos. If not available fill in the form below.

Detach and send this to:-Dr. Wm. J. Sladen

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ship's name and approximate position with latitude and longitude).....

Date of observation(month,day,year).....Observer's Name & address.....

Bird was:- ☐found dead; ☐found injured; ☐trapped; ☐released alive and in good condition; ☐other information.....

☐check if you desire a report on this band.

Remarks.....

.....

Adelaide Island ^① area Jan. 19 -

Marguerite Bay - Base T, and Avian Id.
Mites, spring-tails (Collembola); ^{mosses and} lichens
From fir. pool on Avian Island, also,
Branchinecta a fir. shrimp-like
crustacean

Fish traps, in 5 fms, no fish, several
nemertean worms, and amphipods;
starfish, 2 species

Rothera Point - Jan 20 -

Mites, spring-tails, mosses and lichens.
Red and green snow algae

Fish traps, no fish, 3 small sea-
urchins, many amphipods and a
number of nemertean worms.

Usual birds at both places, many still
nesting: Adelies, Dominican gulls
Skuas, Blue-shags.

At Rothera Point, Antarctic
Terns also

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1-121

Penguin

1-121

1-121

(2)

Port Lockroy, Wienicke Id. area

Moss, marine algae

Spring tails

Nemertean worms

Brittle stars

Amphipods, isopods

Mollusks

Sea-squirts

No fish

Birds as usual, Antarctic terns
on rocky cliff near anchorage,
shags and Gulls

tall bands around their legs with the reference number duplicated in such a way that it can be read with ease.

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in good condition; ☐other information.....

☐check if you desire a report on this band.

Remarks.....

.....

(2)

Arthur Hbr; Base N; Bonaparte Point and vicinity: Jan. 22-25, 1963 and March 1

Plants: ^{insects} mosses, lichen, grass (Deschampsia),
fresh water algae (at Base "N")

Animals: ^{Jan. 26} dredged Silt water (marine) Algae algae
stiff blue mud bottom 2-3 species

Thouly
Mud hapt
on mar. 1. (21) hrs.

got large ascidians
at least 4-5 species

4 spe. mollusks.

Sponges, 1 species
Echinoderms: sea urchins 1 species
starfish 2 species

Worms: nemerteans 1 species
annelids 2-3

Mollusks: bivalves 3 species
~~gastropods 1~~

Crustaceans: amphipods 2-3 species
isopods (fish-lice) 1

Ascidians (sea-squirts) 2-3 species

Fish traps: 88 Notothomids, 14 1/2 to 7 inch
starfish, amphipods
nemerteans

Branchinecta, from f.w. pools at
Base N

Fish from over side a "scorpion"
fish and possibly a _____

In pools a
Base N.
got fairy shrimp
and f.w. Algae
shore coll.
marine algae
limpets

Amphipod

Small

gastropod

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Penguin

509-57112

(3)

Argentine Islands area
(including Petermann for birds)

Mosses, lichens, marine algae

Mites, springtails

Sponges

Nemertean worms

Starfish, sea urchins, brittle-stars,
Crinoids

Mollusks

Sea-squirts

No fish

Birds as usual, Adelie and Gentoo
penguins, Dominican gulls, Skuas
Antarctic Tern, Giant petrel,
snow petrel, Wilson's petrel,
Blue-eyed shag

tail bands around their legs with the reference number duplicated in such a way that it can be read with ease.

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in good condition; ☐other information.....

☐check if you desire a report on this band.

Remarks.....

.....

(4)

Paradise Harbor area

Mosses, lichens, marine algae,
Mites, spring-tails,

Sponges,

Hydroids

Nemertean and annelid worms

Starfish, sea urchins, brittle-stars
holothurians

Amphipods, isopods

Mollusks

Sea-squirts

Notothomid fish

Birds much as usual, Gentoo
and Chinstrap penguins

tall bands around their legs with the reference number duplicated in such a way that it can be read with ease.

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☐check if you desire a report on this band.

Remarks.....

.....

(5)

Danco Island area, including
Cuverville Id.

Mosses, lichens, marine algae,

Mites, springtails,

Nemertean and annelid worms,

Bryozoan fragments,

Starfish, sea-urchins, brittle-stars,

Amphipods, shrimp

Fish, unidentified, found on shore

Gentoo and Chinstrap penguins,

Storm petrel, Antarctic Terns,

Skuas, Dominican Bulls (I believe
these occur in every area)

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5-72112

Penguin

617-71117

71117

⑥

Melchior Islands area

Sponges

Alcyonarians

Nemertean worms

Starfish, sea urchins

Amphipods

Sea squirts

Notolaniid fish (trap and hand
lining)

Birds not much in evidence,
some of usual kinds but no
Chinstraps seen.

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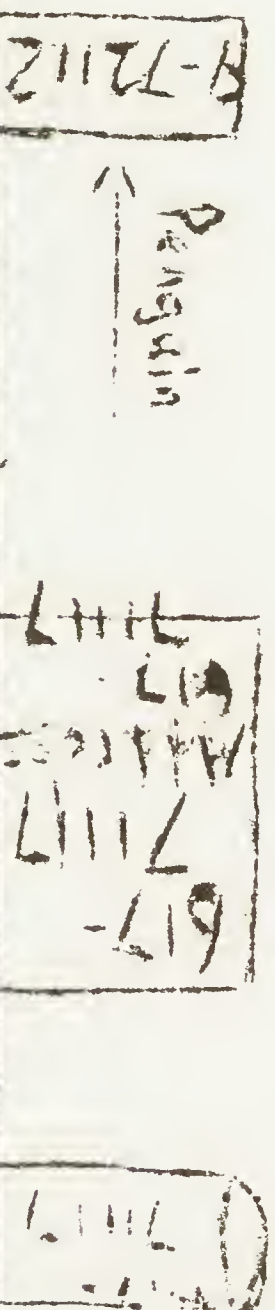
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(17)

Hughes Bay, Svend Foyn Harbor area
including Brialmont Cove, and Alcock Id,
(and today's visit)

Mosses, lichens, tide pool and marine algae

Spring-tails

Nemertean and annelid worms

Bryozoan fragments

Starfish

Amphipods; Krill (2 in tow net and
more than a gallon in crab-eater
seal stomach)

Mollusks

Sea squirts

Notostomid fish (1 today only)

Birds seen:

Wilson's storm petrel

Dominican gulls

Terns; sheath bills

Skuas

Chinstrap penguins (very large
rookery on Alcock Island and ad-
jacent rocks)

Many bird and penguin rookeries and
nesting sights observed from the air by the

Commodore, but not otherwise identified.

...bands can be read. Skuas mostly have tall bands around their legs with the reference number duplicated in such a way that it can be read with ease.

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.....Bird was:- ☐found dead; ☐found injured; ☐trapped; ☐released alive and in good condition; ☐other information.....

☐check if you desire a report on this band.

Remarks.....

.....

(8)

12/5
11 - 13

Deception Island

Mosses, marine algae
Sprintails

Amphipods

Mollusks

Notothoniid fish (very plentiful here)

Birds noted:

Dominican gulls, Cape pigeons
Skuas, Wilson's storm petrel

Sheath-bill, Chinstrap penguins.

[Gentoes, and Adelies occasional]
(I am told)

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their legs with the

4-7211

Penguin

4-7211

4-7211

(9)

Yankee Hbr.

Moss, marine algae

Spring-tails

Sponges

Alcyonarian

Annelid worms

Starfish, brittle-star, Orinoids $\frac{1}{2}$ doz

Sea-squirts

Birds noted: Gentoos, large rookery
1 Chinstrap (wounded) seen by
Commodore.

PINK ALBATROSSES

During the southern summers of 1962-63 and 1963-64 numbers of pink Wandering Albatrosses Diomedea exulans will be seen in the southern oceans.

These birds are being coloured with a pink dye by members of the United States Antarctic Research Program at Bird Island, South Georgia (54° 00'S., 38° 02'W) as part of a study on their oceanic distribution.

An essential part of such investigations is the co-operation of seafarers in reporting observations. It would be gratefully appreciated if each sighting of a coloured bird is reported on the attached form.

W.L.N. Tickell
10th September 1962

Mail to: Wm. J. Sladen
USARP Bird-banding Program
Johns Hopkins University
615 North Wolfe Street
Baltimore 5, Maryland, U.S.A.

Report of a pink albatross sighted at sea.

Latitude.....Longitude.....

Date.....Name of ship.....

on passage from.....to.....

Name of observer.....

Address of observer.....

(10)

Hope Bay

Mosses, marine algae

Springtails

Brittle stars

Annelid worms

Mollusks

Note Menid fish, plentiful

Birds noted: Gentoos, Terns, Shear-
bills, Blue-eyed Shags, Skuas
Wilson's storm petrel.

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Report of a pink albatross sighted at sea.

Latitude.....Longitude.....

Date.....Name of ship.....

on passage from.....to.....

Name of observer.....

Address of observer.....

⑪ Snow Hill Area.
Seymour Island Bird Breeding Area

Lichens, moss, marine algae
Springtails

Hydroid, alcyonarian

Nemertean and annelid worms

Starfish, sea urchins, brittle stars,
sea-cucumbers

~~Sea spiders (Pycnogonids)~~

Barnacle, Amphipods

Mollusks

Sea Squirrels

Birds few and far between
5 rather fat, well grown Gentoo
chicks seen on Island (Seymour)

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Report of a pink albatross sighted at sea.

Latitude.....Longitude.....

Date.....Name of ship.....

on passage from.....to.....

Name of observer.....

Address of observer.....

(12)

Wedhness Point - Dundee Island

Mosses, lichens, marine algae

Spring-tails

Hydroids

Starfish, brittle-stars, sea cucumber

Annelid worms

Amphipods

Sea-spiders (pyonogonids)

Mollusk.

Sea-squirts

Birds note: 2 skuas, terns,

Dominican Gulls, Gentoo penguins

not many, no real colony, no nests for
any of the birds - Cape pigeons

Birds few and far between at
Wedhness except for Dominican or
black backed gulls.

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During the southern summers of 1962-63 and 1963-64 numbers of pink Wandering Albatrosses Diomedea exulans will be seen in the southern oceans.

These birds are being coloured with a pink dye by members of the United States Antarctic Research Program at Bird Island, South Georgia (54° 00'S., 38° 02'W) as part of a study on their oceanic distribution.

An essential part of such investigations is the co-operation of seafarers in reporting observations. It would be gratefully appreciated if each sighting of a coloured bird is reported on the attached form.

W.L.N. Tickell
10th September 1962

Mail to: Wm. J. Sladen
USARP Bird-banding Program
Johns Hopkins University
615 North Wolfe Street
Baltimore 5, Maryland, U.S.A.

Report of a pink albatross sighted at sea.

Latitude.....Longitude.....

Date.....Name of ship.....

on passage from.....to.....

Name of observer.....

Address of observer.....

MEMO ROUTING SLIP

TO THE FOLLOWING IN ORDER INDICATED

NAME OR TITLE	INITIALS—DATE
1. Dr. Waldo Schmitt	
2.	
3.	
4.	

Your information	<input checked="" type="checkbox"/>	Note and return	<input type="checkbox"/>
Your comments	<input type="checkbox"/>	Proper signature	<input type="checkbox"/>
Necessary action	<input type="checkbox"/>	Note and file	<input type="checkbox"/>
Prepare reply	<input type="checkbox"/>	See me	<input type="checkbox"/>
Your recommendation	<input type="checkbox"/>	Your initials	<input type="checkbox"/>

REMARKS

FROM	Antarctic Records Program	DATE	Sept. 8-64
	P. S. Miles	PHONE	

SOSC Inventory
July, 1964

ANTARCTIC COLLECTIONS IN THE U.S.N.M.
DIVISION OF ENTOMOLOGY

USNM Accession No.	Expedition and Date	Insects Recorded In Accession Records		
		Lots	Specimens	Remarks
157835	U.S. Antarctic Service Expedition, 1939-41	6	--	(Coleoptera) Sent to R.E. Blackwelder for identification.
160277	" " " "	--	300	Collembola to Dr. J.T. Salmon, New Zeal. for ID.
177438	U.S. Naval Expedition, 1947-48, (Operation "Windmill")	50	--	Mites
205726	U.S. Naval Expedition, 1955-56, (Operation "Deep Freeze I")	2	Partly discarded	Sent to P. Omon, USDA Beltsville, for identif.
211855	U.S. Naval Expedition, 1956-57, (Operation "Deep Freeze II")	2	12	Mites
224443	U.S. Naval Expedition, 1957-58, (Operation "Deep Freeze III")	7	47	Mites
226350	U.S. Naval Expedition, 1958-59, (Operation "Deep Freeze IV")	1	23	Mites
247268	Palmer Peninsula - South Shetland Island Survey, 1962-63 (W. Schmitt)	64	9355	Diptera- 458 Trichoptera- 40 Collembola- 6474 Ticks - 2 Mites - 2381

Accession # 247268 Area: Palmer Pen, & S. Shetlands
 Expedition: USNM- W. Schmitt Antarctic Exped., 1962-63
 Collector: W. L. Schmitt and others

ANTARCTIC COLLECTIONS IN THE U.S.N.M.
 DIVISION OF ENTOMOLOGY

Station #	Description	No. of Specimens	Location and Remarks
Chironomidae (Diptera)			
--	<u>Belgica antarctica</u> Jacobs	4♂ (slides)	Cuerville Is., Danco Coast, Palmer Pen. 5 II 63 Station records list this as # 31-63 or 31a-63
4c-63	" " "	7 ad. 4 larv. (alc.)	British Base N, Norsel Pt., Anvers Is. 22 I 63
4-63	" " "	2 larv. (alc.)	" " " " " " " "
4d-63	" " "	1 larv. "	Listed as Station 43. Collectors Crowell & Schmitt. Torgeson Is., Arthur Harbor, Anvers Is. 22 I 63
12c-63	" " "	1 ad. 314 larv. "	Havgaard Is., Lemaire Channel, Graham Coast. 28 I 63
12d-63	" " "	3 adult (alc.)	" " " " " " " "
15 -63	" " "	1 larva "	Argentine Is., Graham Coast. 30 I 63
16 -63	" " "	4 larvae "	Penguin Is., Graham Coast. 31 I 63 (Sta. 16a?)
16b-63	" " "	5 larv. (slides)	Cape Tuxen, Graham Coast. 31 I 63
17a-63	" " "	7 larv. (alc.)	Paradise Harbor (Chilean Base), Danco Coast. 2 II 63 (Listed as Sta. 17a&c and I 63 by Entomology)
?	" " "	4 " "	(Listed as Sta. 10A on 5 IV 63. No station has this date and there is no Station 10"A")
73e-63	<u>Parochlus steinenii</u> (Gercke) 1♂, 4♀	(slides)	Potters Cove, King George Is., S. Shetlands. 4 III 63

Total: 362 specimens

Accession # 247268 Area: Palmer Peninsula &
 Collector: W. Schmitt / South Shetland Islands.
 Expedition: USARP- Antarctic Exped.; 1962-63
 Disposition: Dr. J. L. Gressitt, Bishop Museum.

ANTARCTIC COLLECTIONS IN THE U.S.N.M.
 DIVISION OF ENTOMOLOGY

Station No.	Description	No. of Specimens	Date	Location and Remarks
2a-63	Acarina	157	19 I 63	Avian Islet off Adelaide Is., Marguerite Bay.
	Isotomidae (Collembola)	363		
	Poduridae "	69		
2b-63	Collembola			
	Isotomidae	6	19 I 63	" " " " " "
2d-63	Acarina	2	19 I 63	" " " " " "
	Collembola			
	Isotomidae	3		
2e-63	Acarina	3	19 I 63	" " " " " "
	Collembola			
	Isotomidae	2		
3c-63	Isotomidae	853	20 I 63	Rothera Pt., Adelaide Is., Marguerite Bay
	Poduridae	7		
4d-63	Acarina	183	22 I 63	Torgeson Is., Arthur Harbor, Anvers Is.
	Coleoptera			
	Isotomidae	88		
	Poduridae	120		
4e-63	Acarina	3	22 I 63	Norsel Pt., Arthur Harbor, Anvers Is.
	Collembola			
	Isotomidae	82		
6a-63	Acarina	20	24 I 63	Bonaparte Pt. Inlet, Arthur Harbor, Anvers Is. (Listed by Entomology as 6A & 6a)
	Collembola			
	Isotomidae	10		
	Poduridae	8		
10a-63	Acarina	8	26 I 63	Port Lockroy, Anvers Island.
	Collembola			
	Isotomidae	4		
	Poduridae	4		
12c-63	Isotomidae	13	28 I 63	Havgaard Is., Lemaire Channel, Graham Coast.
	Poduridae	1		
12d-63	Isotomidae	24	28 I 63	" " " " " "
13 -63	Isotomidae	56	29 I 63	Port Circoncision, Petermann Is., Graham Coast.
15 - 63	Acarina	59	30 I 63	Galindez Is. Anch., Argentine Is., " "
	Collembola			
	Isotomidae	205		
	Poduridae	58		

Accession # 247268, Cont'd.

Expedition: USARP- Antarctic Expedition, 1962-63

ANTARCTIC COLLECTIONS IN THE U.S.N.M.
DIVISION OF ENTOMOLOGY

Station No.	Description	No. of Specimens	Date	Location and Remarks
16 -63	Acarina	5	31 I 63	Cape Tuxen, Argentine Is., Graham Coast.
	Collembola			
	Isotomidae	166		
	Poduridae	55		
16a+16c-63	Acarina	36	31 I 63	Penguin Is. and Cape Tuxen, Argentine Is.
	Collembola			
	Isotomidae	203		
	Poduridae	33		
16b-63	Isotomidae	6	31 I 63	Cape Tuxen
16e-63	Acarina	12	31 I 63	Green Island off Cape Tuxen
	Collembola			
	Isotomidae	1842		
21 -63	Acarina	9	2 II 63	Paradise Harbor, Danco Coast
	Collembola			
	Isotomidae	28		
21a-63	Isotomidae	2	2 II 63	" " " "
	Poduridae	15		
21b-63	Acarina	627	2 II 63	" " " "
	Collembola	2		
	Isotomidae	2		
	Poduridae	21		
31 -63	Acarina	3	5 II 63	Cuverville Island, Danco Coast
	Collembola			
	Isotomidae	11		
31a-63	Isotomidae	7	5 II 63	" " " "
38 -63	Acarina	28	10 II 63	Brialmont Cove, Alcock Is., Danco Coast.
41b-63	Acarina	1	11 II 63	Alcock Island, Danco Coast
	Collembola			
	Isotomidae	1		
	Poduridae	4		
42b-63	Isotomidae	2	12 II 63	Whales Bay, Deception Is., S. Shetlands
42c-63	Isotomidae	21	12 II 63	" " " "
43 -63	Acarina	6	13 II 63	Yankee Harbor, Greenwich Is., "
	Collembola			
	Isotomidae	54		
	Onychuridae	1		

Accession # 247268, cont'd.

Expedition: USARP- Antarctic Expedition, 1962-63

ANTARCTIC COLLECTIONS IN THE U.S.N.M.
DIVISION OF ENTOMOLOGY

Station No.	Description	No. of Specimens	Date	Location and Remarks
43b-63	Acarina	5	13 II 63	Yankee Harbor, Greenwich Is., S. Shetlands
	Collembola			
	Isotomidae	7		
43d-63	Acarina	1078	13 II 63	" " " " "
47a-63	Acarina	27	15 II 63	Hope Bay, Louis Philippe Pen., Palmer Pen.
	Collembola			
	Isotomidae	158		
	Poduridae	4		
54c-63	Isotomidae	113	20 II 63	Dundee Is., Joinville Is. Group, Johnson Coast.
56b-63	Acarina	7	23 II 63	Islet, Alcock Is., off Brialmont Cove, Danco Coast.
	Collembola			
	Isotomidae	56		
	Poduridae	119		
59a-63	Acarina	20	24 II 63	Spring Point, Brialmont Cove, Danco Coast.
	Collembola			
	Isotomidae	190		
	Poduridae	24		
59c-63	Acarina	9	24 II 63	" " " " " "
	Collembola			
	Isotomidae	239		
	Poduridae	114		
60 -63	Acarina	7	25 II 63	False Bay, Livingston Is., S. Shetland Islands
	Collembola			
	Isotomidae	27		
	Poduridae	10		
	Onychuridae	9		
60a-63	Acarina	21	25 II 63	" " " " " "
	Collembola			
	Isotomidae	12		
	Poduridae	29		
60e-63	Acarina	7	25 II 63	" " " " " "
64a-63	Collembola			
	Isotomidae	318	28 II 63	Ardley Island, King George Is. " "
64b-63	Isotomidae	82	28 II 63	" " " " " "
69 -63	Isotomidae	1	1 III 63	Bonaparte Inlet, Arthur Harbor, Anvers Is., Palmer Pen.
	Poduridae	3		

Accession # 247268, cont'd.
Expedition: USARP- Antarctic Expedition, 1962-63

ANTARCTIC COLLECTIONS IN THE U.S.N.M.
DIVISION OF ENTOMOLOGY

Station No.	Description	No. of Specimens	Date	Location and Remarks
73a-63	Acarina	4	4 III 63	Potters Cove, King George Is., S. Shetland Is.
	Collembola			
	Isotomidae	220		
	Poduridae	80		
	Onychuridae	15		
Z	Acarina	20	--	(New Zealand ?)
	Collembola			
	Isotomidae	3		
	Poduridae	6		
4e-63	Acarina	15	22 I 63	Norsel Point, Arthur Harbor, Anvers Is., Palmer Pen.
	Collembola			
	Isotomidae	157		
	Poduridae	28		

Total: 8856 specimens being
2381 Mites
1 Tick
5637 Isotomidae
812 Poduridae
25 Onychuridae





ANVERS ISLA

from survey by A. J. Rennie of F. I. D. S.,

Scale 1-10, 000

affinitat Ice wall

Season

Astro fin

1014 54° 04' 39" N





BRITISH UNITS - METRES

Feet	6	12	18	24	30	36	42	48
Fathoms	1	2	3	4	5	6	7	8
Feet	18	36	55	73	91	109	126	144
Fathoms	1	2	3	4	5	6	7	8
Feet	1	0.3	2.1	3.9	5.8	7.6	9.4	11.3
Fathoms	1	0.3	2.1	3.9	5.8	7.6	9.4	11.3
Feet	3	0.9	2.7	4.5	6.4	8.2	10.0	11.8
Fathoms	3	0.9	2.7	4.5	6.4	8.2	10.0	11.8
Feet	4	1.2	3.0	4.8	6.7	8.5	10.3	12.1
Fathoms	4	1.2	3.0	4.8	6.7	8.5	10.3	12.1
Feet	5	1.5	3.3	5.2	7.0	8.8	10.6	12.5
Fathoms	5	1.5	3.3	5.2	7.0	8.8	10.6	12.5

Tidal Information

Height above datum of soundings

Places	Average Heights				Heights at S near the S
	High Water	Low Water	Mean H ₁	Mean H ₂	H.W.
Green Island (S. 60° 00' W.)	6-0 feet	5-5 feet	1-6 feet	4-5 feet	7-1 feet



Lichens
Shaggy

SMALL Pen
ANTARCTIC
UNDER 1000
GERLAC
MEDIUM 1000-5000
C. MURRAY

Fold back
as is now!

Feb. 9 - 1963
Given me this day
by the Commadore, Cmdr. Price Lewis

Roy's Hbr. has shag
colony on last pt. land
rock with upper part shown
covered on which
shags roost

Feb. 9 - 1963
Given me this day
by the Commadore, Cmdr. Price Lewis

ARCTIC INSTITUTE OF NORTH AMERICA

ROSTER OF ARCTIC SPECIALISTS



Indicate (X) areas on the map with which you are familiar and trace routes traveled.
Please return map together with the questionnaire in the enclosed self-addressed envelope.

Base map courtesy of Department of Mines and Resources, Canada.

Palmer Land Survey, General ①
Narrative, abstracted
1962- From Capt. Mac Donald's
1963 notes

Nov. 24-28 Wash. to Christchurch
Crossed International Date line early morn
Nov. 27, advance dated 28th

Nov. 28, '62 to Jan. 5, '63. in Ch. Ch.

Bag-pipes (50 miles fast ice instead
of usual 25; edge to shore
Lv. 10.00 a.m. 5th Jan. 1963.
f

Jan. 5 - Jan 17. Enroute Palmer Pen.
Actually Crossed International Date Line, 7 Jan.
left 10:30 which set clock back hr-6.
Touched northern limits of
Antarctic Ice Pack in lat. 68° S.
More or less followed Long. 110° W.
periphery of ice pack
Peter Id. surrounding ice heavy-
est Capt. Mac. has seen.
In Lat 67° S Long. 86° West Jan
16, limits of Bellingshausen Sea
ice disappeared

Jan 18. Met. Comdr. Tom Dickson R.N.
charting approaches to Base ①
Staten Id anchored in 33 fms.

Jan. 18 (cont'd) Marguerite Bay. (2.)
Best ice year on record ice
going out as far south as
Davers Id in Oct. ^{Heavily} frozen
in Jan 1959

Jan 19. At 0700 Schmitt's LCV2 went
to Avian Id. (afterward to
Bass Id)

450 miles by air to Deception Id.
4 hrs. Bases in between are
at Lavoisier (Watkins) Island
& Davers Id.

In evening moved over to
Rothera Point (S.E. tip of
Adelaide. laid over for night,
Icebergs make anchorage
difficult

Jan 20. Anchorage = 30 fms.
later in 28; ~~off~~ Rothera
Point on east side, small
~~boat~~ boat harbor on east side
Re ice bad reputation.

Jan. 21. Overcast, 32° Wind 10 knots
Temp. 31° F.; ~~Underway~~ ^{over} Davers

Jan 22 Partly cloudy Temp. 31° F.
Anchored in 20 fms. ^{with} night
Rothera Harbor.

Jan. 22.

Arthur Hbr

Wind
40 knots

Recalled to ship in afternoon
Wind at 40 knots. Rose
to 50 with gusts up to
60. started to drag. Got
^{Engines, with anchor}
shore party; ~~at anchor~~ - Then
Ship went out ~~to sea~~ to sea
for Night.

Jan. 23

Overcast. Temp. 35°
Some sun
Anchored in 17 fms
Air = 46°F. high for day.

Jan. 24

Overcast. Temp. 33°F
Wind 26 knots choppy
Hbr. exposed landing un-
tenable. Bona parte ~~hmm~~
ok. Fish trap -

Jan 25.

Overcast. Temp 31°F
Wind 5 knots.
Dredge haul made with
"Drum" = rich haul.
At 14:05 left Arthur
Hbr. for Lockroy ^{At} 19:00
anchored off Basel.
(abandoned) in 35 fms.
105 fms chain.

(4)

Jan. 26. part cloudy Temp. 37°F
Bell helicopter with Mac
at 08:45. (Psychorski).
Whaling sta. Feb 44 built
base to keep German raiders
out.

Base is on Goudier Islet
Bay 3/4 mile radius.

And to break fast ice
in 58-59 (Edisto broke)
ice

Refuge 6 men a year

~~Jan 26~~ at 19:00 to Yelcho (Chile)
Summer station only; leave
in March. No power, no
boat. —

Jan 27 to Dorian Bay. Charcoal
arounded Pourque Pas?
Refuge hut here. Low
tide exposed 150 feet
mud flat. (4 1/2 feet tide)

13:00 Left for Argentine
{ Ids. at 10:00 lying in
Lemaire Channel in vicinity
of M. Hovgaard, Booth Id
Pleneau Id. Mt. Scott +
Pederman Id. (240 fms
water under ship.)

Jan. 28. Overcast Temp. 32

9:55 ashore on Pleneau Id
= Penguin rookery, Gendras.
especially along water's edge
at 1:30 Capt. Mac. Flew to

Petermann Id. Small boat
+ small ship harbor at
S.E. side Petermann Id.

Here Charcot wintered ship,
1909. Argentine hut
Grousseau on S. shore.

1500 ship left to anchor
off S. shore Petermann
At 1930 anchored off Argentine
Ids. in 15 fms

Anchorage Petermann Id bearing 004° T
Irizar Id. 217° T; Herald Reef
278° T.

29 Jan. 30° F Wind 12 knots.

H.O. publ. # 27 p. 365 + 366 huge
glaciers now in valleys

1300 under way anchored at
1500 in 20 fms. Mt Mill - 125° T
Hut Beccum (Galindez Id.) 201° T
Mt Scott - 052 T. 1515 ashore base

Aug. 14
30th

Overcast light snow. Temp ⁽⁶⁾
31° — 11 knot wind

Ice bergs; endangered by
ice berg. one got tangled in
anchorage.

10.00 Capt Mac went ashore
Granddier Channel freezes
over all way to mainland from
June to Nov. Fast winter ice
from Bertholet Ids. ~~to~~ South ~~to~~
to Peterman in north. Travel
can be done with skis.

Fast ice bet Angerhin Ids
forms 2 weeks before main
channel & lasts 2 week longer on
av. 3 bowls. 2 small 12 ft
15 ft beams. ^{sheathed with aluminum} 1 - 10 ft prams

Can be pulled up on ice or shore
on metal sheathed runners

Small boat shelter in Ids creeks

Shutts can be built on ^{3 mats} Ids
sea-ice restricts bio. —

Jan
29 cont'd)

Jan 31 overcast 31° T wind 6 knots (7)

All ids have Adelie colonies
+ some skuas.

— Visited N.E. Id. of Valour
group.

Cape Tuxen Thick moss. There
are 3 ^{deep water} coves on N.W. side ideal
for boat or small ship shelter.

Moss thick on Borhelot Ids
Ashore at Green Id. Skuas + blue
small boat work. in Austral ^{shags} ss.
summers of good ice years.

→ 1700 under way for Paradise
Harbor

Feb. 1. overcast light snow
showers Temp 33° T 6 knots wind
12:30 unchored off Paradise
Har. in 30 mins.

1400 to Chilean Str. Pidelas
Gentoo + Chin strap rookeries
chickens + sheep.
2 ~~B~~ boats, fiberglass + wood 10 ft.

Feb 1 cont'd 16, 35, + 40 H.P. Johnsons ⁽⁸⁾
have boat railway.

16 permanent over winter
persn. Yelcho

No good anchorage coming in
Have to watch out for icebergs
morrow.
Light rain in evening

Feb. 2. Overcast 36° T; 4 knots
light rain.

8:30 went in LCV #1 look for
shore sites. Visited Argentine
Sta. at S. end Paradise Hbr.

Opened in 56 close in 61.

3 boat landings - & large boat ramp.
Station well done & laid out.

Cliff south of station have
copper oxidation & ice stalactites

Refuge hut 5 miles S. of station
no longer there.

But across channel west side
in Bryde I. is center of

Penguin rookery ^{Chilean} Pilotto Prado
dropped anchor off Videla Sta.

with Chilean Defense Minister. Sec. of Air
Naval Attache from San Diego

Feb 3 Overcast. 37°T light wind ⁽⁹⁾
light rain. & variable

Ship at Anchor. This Sunday
Spent day trying to get LCP
off rock where tide left it while
returning personnel night before
after party aboard & then I'd
& anchor at Station that night.
17:30 boat was pulled off rock
(with rising tide).

Feb. 4. Heavy fog. 36°F Wind -
dead calm.

12:30 shock & rocking of ship
earthquake or calving berg.

Tides follow no rhyme or reason
in his great bay.

16:15 underway Br Danco Id.

20:00 anchored in Errera Channel
off Danco. in 38 fms.

Left Tangent Danco 5079°T , rt
tangent Danco Id. 157°T Rt Panger
Rouse Id. 341°T .

Feb. 5 (contd) @ 20:00 anchored in Errera Channel in 38 fms. (10)
Overcast with light

rain. Temp. 40° T. light & variable wind.

Danco Id Hut (base B)
shallow beach no boat
shelter.

Anchorage rocky for lge ships
& poor holding ground.

13:15 went to visit Spigott Mt.
on LCVP #1, largest Chinstrap
rookery to date. (100,000
birds)
1 gentoo

Looked at Cuverville Id by Mac. estimate
would have to build a
penguin rookery Gentoo
Small boat thr to "airfield"

Feb. 6 overcast fog visibility

4 miles. Temp 34° T Wind 6 knots

0845 anchored in 33 fms.

off Argentine Station at

Melchior Id (Gamma)

10:00 went ashore LCVP #2
to visit stat. Argentine. Sta

Good landing, small boat thr.
by station -

across to North of Arctowski Penn is Hullot Peninsula
its N.W. corner terminating in Lahaie Pt

Feb. 6 cont'd adjacent to Sta with
boat wind. ^{for hoisting boat.} 10 ft. Mahogany
boat upside down near wind.
Station had been hosts to turish
in 58 + 59 ships. Esclaireurs
and Yapeyu no penguins or birds
other than a ~~stray skua~~ ^{seals} ~~except~~ for ~~boat~~ shelter.
about. ^{except} for ~~boat~~ shelter.
not much biology (side Mac
land biol. I would say

Feb. 7 overcast, raining Temp. 36°F

0800 got underway, to see
Schollaert channel side of ~~Anvers~~ ^{Ed}
Brabant Id. Foggy. next passed
Went into ~~Lapeyere~~ ^{Gourdon Pen.} Bay ~~Patra~~
~~genica Bay~~ ^{Thompson Pen.} Fournier Bay +
Inverleith Wbr. ^{all on west side of Chapell}
all these Bays ← no sites

At 2130 anchored off Port
Lockroy (for Dorian Bay Survey)

Feb 8. overcast, bit foggy +
light rain. Temp. 34°. 6 km

land with Fast. Mac.
08.30 LCV #1 went into
Dorian Bay Boat channel 2 1/2
fms at high water prob
1 1/2 at L.W.

Feb. 8 (Cont'd.) Boat channel
Dorian Bay, shelter except
Mud bottom Hbr. (open to N).

14:30 recon. at ~~the~~ Wilhemina
Bay. No sites. on boat Hbrs
Ice cliffs all sides. — 2 Active glaciers
Some fast ice

19:40 anchored in Sevend Foyh
Hbr. in 44 fms. } Put out
traps. +
tarnet

Feb. 9 cloudy but mostly sunny
and bright. Temp. 38° F.
Wind 10 knots. -

@ 09:00 went to side of
whaling stn. 18 ships at one time
Wreck of Bouvornoren (1916)
grounded. severe
Good ship Hbr but open to SE.
winds

Another little boat Harbor
to immediate south: ^{here} are some
old whaling boats
Not much for Stn. side.

Ship cruised Brabant Id coast
in afternoon. — no sites seen
Id — Csh Hughes Bay P. 13

Feb. 9 (Cont'd)

(13)

Lay to during night in Hughes Bay. And fire in lge Aelo, burned out bearings & in Green land cruiser; one bad boiler.

Highest Temp to day 45°

Feb 10^A Overcast light snow. Temp. 35, wind light.

Moved LCVP^{#1} engine into Greenland cruiser. Aelo fixed

Ship went to Salween Cove

lay to in 80 fms. [nothing here till

11.00^{am} underway to Brialmonte

Cove. anchored at 17:30 in 35 fms. Cove had an unusual no. icebergs in it; Active glacier at head of Bay. no good building sides. Many lichen s about

Argem^{for} to fugio, at Spring Point. shallows beach mark

Feb. 11. Overcast. ^{occ.} light snow
 Temp. 31. light winds. Bad
 visibility no helos in a.m.

~~10:30~~ ^{Mac went} ashore in utility Boat
 to Alcock Id. Largest Chin strap
 rookery (+ largest penguin
 rookery ever seen by Mac. larger
 than Cape Annet, also breed
 place for Blue eyed shags
 Snow Petrel, Skuas/gulls
 Dominican gulls, but no nests
 of latter seen.

Good boat Abbr. N.E. side of Id.

Active rookery is about 300 feet
 high. building side is near
 boat Abbr.

15:45 ship got under way for
Deception Id.

Feb. 12. Overcast with fog patches
 Temp 35. Wind 10 knots.

08:30 entered Neptunes Bell
 anchored in Whalers Bight.

Feb. 12. Contd.

(15)

anchored in Whalersight in 55 fms. Mac went with us in LCV #1 to set fish traps. Port Forster is 13 sq miles in extent. nearly 100 fms deep. can anchor safely out near shore.

Argentina, Great Britain + Chile have stations here; Visited Brit. Base. Old Whaling Stn. Cemetery

Steam from Beach. + sulphur smell. Well by British Sta 65° water.

Runways available

[Thanks for shelter.]

Feb. 13, at 8:30 got underway for Yankee
Overcast. 37° T. ~~land~~ ^{Yankee} ~~thru~~
Greenwich Id
Wind 6 knots. 14:30 Anchored
off Yankee Hbr. in 35 fms.

Ashore in LVC. large Gentoo rookery. shingle spit is like breakwater. shelters boats from all winds except from N.W.

(16)

Feb. 13th - (contd) Discovered by
~~Pat~~ Palmer in 1820.

8:00 underway for Adze Bay

Feb. 14th Overcast light winds
35° F. ~~The Photographic living room~~
~~was all decorated~~
09:05 Anchored in Adze Bay
30 fms. and I

Mac flew in helo for recon.

Argentine + Brit. Stations.
Former has best docking facilities
+ largest buildings.

12:45 ashore in LCVP #2.

Brit. landing N.G. except in
high water. (ice took over
their landing of 2 yrs before.
(will close base next year)

Adze Bay windy in 1961-62

12 diff. times 100 knot winds
once 142 knots.

(Argentine Base)

Adze Bay freeze over in April
+ lasts till Nov.

Fast ice is thick enough for
support transport to outer islands

Feb. 13th (cont'd) overcast. Temp 38[°].
Wind 6 knots.
08:30 underway

Feb 14th (contd) Bad weather had
to call off. Adelaide flights
to East side peninsula
so will. spend winter at
their work on east side.

Feb. 15. Overcast. Temp. 35 F.
Wind 15 knots. with gusts to 30.
8:00 underway for Robertson
Id. ship to
17:00 lying off Seymour Id. fossil pen

After Belorecan underway for Robertson

Feb. 16 overcast. 24° wind 8
knots.

11:00 Ship lying to off shelf
Ice. off Robertson Id +
Christensen Nunatak.

11:45 Mac (us) flew to Argent
Station Base for supplying station

17 miles away in Seal Nuna-
taks. 2 Beaver aircraft.
4 Tucker Snow cats.
30 sledges / 1000 lb each

On ice shelf

Feb

16th (cont'd)

in weeks time
all supplies will be shifted
to main base of Teniente
Matienzo (20 men) will
be yr. round sta.

crevasses bad at logistic
station. (Lost a snow car.
no body lost)

New Sta. is on Larsen
Nunatak. Sea ice is used
as runway, is unmarked tho.
Sea Ice. 30 to 40 feet thick.

15:00 Ship got under way
for Seymour Id [via
Cape Longing]

(19)

Feb. 17 Almost clear, bright sun
 28° - 6 knot wind. Mac recom 1515
 Snow Hill from air. 3/4 ice covered
 free of snow and ice on N end.
 No air field possibilities except
 an ice cap.

19:30 anchored in 14 fms. east
 side Snow Hill. No bunt shelter
 (sea ice quite swells) Strait bet
 ids shallow. 2 fms

Feb. 18. overcast fog + snow
 28° F wind 28 knots. 0700
 ship underway to N. end Sey-
 mour Id. Could not get in by
 way of Cook burn to shallows
 6 fms under keel once. Propellers
 stirred up mud. Id raised
 shelf. pushed up.
 19:50 anchored in 31 fms bet.
Vega, Cookburn + Seymour.

Feb. 19 Partially overcast. Temp
~~29°~~ 29° F. wind 8 knots (Seymour)
 08:45 ashore in LCP. Should find
~~land~~ landing. low tide + low beach
 gradient.

Feb. 19th (Cont'd) Landed on ice foot (20)
Whole area shulbun. Large
air craft field possible. Soil temp
32°. Ships anchor mile off in
10 to 30 fms. Boats beach at
high tide or use ice foot.
Commercial possibilities [?]

Feb. 20 Overcast, light snow & rain
Wind 17 knots
34° T 10.00 anchored in 34 fms
off N.W. cor. Dundee in shelter Joinville
Id at Welchness
10:05 ashore in L.C. to Dundee
2 Argentine huts & air hanger
(shingle, gravel, melt water)
(stream gullies)
Ice chunks on beaches
32" to perma frost

Feb. 21 Overcast with snow. bad and
ab 2 drafts
34° F. Wind 40 knots
postponed 10.00 getting my till
13.00 because bad weather.
15:30 entered Suspiros Bay on
western pt Joinville Id over
Cape Kinness islet in center
[Landed on side] steep cliffs to
left. Penguins & gentoos on islets
Guess at Chin straps on heights.

Feb. 21 "contd" Ship lay to over (21)
nite. bet. Joinville & d'Urville Is
18:45 headed for Alcock Id.

Feb. 22 overcast occ. rain 36°F
10 knt wind 0800 underway
for Hughes Bay 16:45 anchored in
30 fms. in ^{gen. vicinity of} ~~near~~ Alcock Id.

Feb. 23. Overcast, misty, 32°F
wind 12 knots; many penguin
rookeries about Brialmont Bay
mostly chin straps, some gentoos.
Alcock Id only small boat wh. but
has ^{level} building, site for small sta.

Argentine Rodgers on Disney, 1
P.O. which has many broken varriete,

Feb. 24 weather sunny some
mist about 0800 34° wind 8 knots
09:15 Mac. flew to Curtis Bay to Cape
Andrews, across Trinity, till lack
of visibility force return. (Palmer
are it is believed.
11:00 2nd flight, scouted south
coast Trinity Id. Every one of

Feb. 24 (cont'd) off Lying Ids (about 50) has a penguin rookery. (22)

S. westernmost islet off Trinity has high cliffs. barren of snow & covered [covered] with carpet of lichens.

Small islet in Mikkelsen Hbr. has Argentine Post unit.

12:15 ship anchored in Hbr. in 5/8 ms. Myself boat shelter, &

wealth of bird life on islet in bay and cliff to left (sketches) ^{pt.}

13:00 underway for helicopter operations along Palmer Coast.

13:15 another flight by mac.

Low visibility forced return to ship nothing but ice cliffs

& sheer rock slopes along coast with no bird life. Lying off

Mikkelsen Hbr. 20:00 Proceeding to Livingston Id.

(23)

[Livingston Id]

25 Feb. Overcast Temp. 35°

Wind 12 knots. 11:00 Mac Flew
ashore to a site. on N. side False
Bay on L.I. Id. Good area
[poor beach high terrace rounded
rocks.]

13:30 Ship proceeded to Discovery
Bay, Greenwich Id.

18:00 ship anchored Dis. Bay
in 31 fms. Orders Pratt Sta here!

26th Feb. ^{0.900 weather} Overcast with snow; 35° F.
Wind 25 knots. Weather deteriorating
steadily; suspended all operations
till 1400.

14:50 in UCV to Ash Pt. beyond
to Chilean Sta. Good ~~steep~~ beach
for landing. Big swells in high
wind.

6 gentoos 1 chin strap
seen ashore by Lt. Beam

Cape Tuxen

Jan 31 / 63
Green Id

Feb. 27 Weather 0:800 partial
cloudy, 33° F [some sun out]

~~2:00~~ 06:15 underway for
King George Id. 0:700 weather
overcast fog, 37° F Wind 15 knots
12:00 anchored in 31 fms. in
Collins Hbr.
1400 High winds dragged anchor
Underway all day, various
courses making at bad weather
No work done — " "

28 Feb Weather 0:800 partial
cloudy 33° F. 20 knot wind
0845 anchored in 51 fms.
off Bradley Id.; Rocky Bottom
poor holding
Mac + I went up in helo at
5:15 or 5:30 flew Bradley Id
Area

Galindez Id. Argentine Ids
Jan. 29th - 30th

March 1. 13:00 Underway for Id 25

Overcast with snow 28°

8 knot wind. 0830 anchored
off Port Lockroy @ 12.00 under
way for Arthur Hbr. 14:45 anchored
in 15 fms.

15:30 ashore in utility boat
(Gorgerson Id penguins seen)
Looked at Lake and
shore Lake frozen

Brash ice

went Bonaparte

1900 underway for
Paradise Hbr.

March 2. 0800 overcast
snow & mist, 31°, 5 knot
wind. 0:900 anchored
in 51 fms. Paradise Hbr.

under Pilot Pardo + S. Tex.
went Gorgerson Id visit.
15:00 Bryde Id. Lewis Cove Lemore
Id.

3 March, 0900 overcast
 with snow wind. 21/km
 Temp. 36. Bar. 28.12
 lowest Camp Mas has seen
 and falling fell to 28.10

11:30 ashore at small
 cove bet Ardley & Fildes

under peninsula south of Anchor Rock
 sheltered. many lakes

March 4. Potters Cove has
 everything. lakes many
 peninsulas, piedmont & do
 ice would break through

0800 break part overcast
 Temp. 30 wind 5 knots

09:30 ship lay off shore
 Bell's took shore parties in

11:00 anchored off Potters
 Cove, in 24 fms.

12:30 ship under way for

(27)

Amiralty Bay

14:15 anchored in 24 fms

16:45 Mac went ashore in
LCVP. unable to land
on Keller pen. because
of ice. British Base G.
reburied 3 time. 4 graves
of men lost in accidents

Last
high
23° also
24

March 5 Overcast with
occ. snow. Temp. 23°
wind 17 knots.

10:30 underway for the
Mackellar Inlet.

11:15 anchored in 38 fms
in Mackellar Inlet

No chance to land
because weather

16:30 underway for Valpo

NAVAL MESSAGE
OPNAV FORM 2110-28 (10-58)

RELEASED BY		DRAFTED BY		PHONE EXT. NR.	
DATE		TOR/TOD		ROUTED BY	
MESSAGE NR.		DATE/TIME GROUP (GCT)		PRECEDENCE	FLASH
				ACTION	EMERGENCY
				INFO	OPERATIONAL IMMEDIATE
					PRIORITY
					ROUTINE
					DEFERRED

FROM: USS STANLEY ISLAND / CTO 43.1

TO: COMNAVFOR ANTARCTICA (F10)

INFO:

ADVISED; DR. WILDO SCHMITT, MARINE BIOLOGIST; AND DR. THOMAS BEND, ORNITHOLOGIST.

4. USS STANLEY ISLAND ARRIVED AT THE VARIOUS ISLANDS AND TAPERS, THE WORK PROCEEDED IN A RAPID AND ORDERLY FASHION. THE SHIP'S TWO HELICOPTERS, PILOTED BY LTJG DALE LARSON, LTJG THOMAS BEND, AND LTJG ROGER FELTON OF HELICOPTER UTILITY SQUADRON ONE, CARRIED OUT LANDING LIFES AND SET MARINE'S GEAR FOR A THOROUGH RECONNAISSANCE. IF THE SITE APPEARS TO OFFER POSSIBILITIES, A MORE DETAILED STUDY IS MADE. SHIP'S BOATS AND RAIGS CONDUCTED SOUND AND CHART THE OTHER AREAS. SURVEY TEAMS ARE EMPLOYED TO OBTAIN PHOTOGRAPHIC DATA, SOIL CORES AND ICE AGE SAMPLES. SIMULTANEOUSLY, VERTICAL AND OBlique PHOTOGRAPHY WAS TAKEN FROM THE HELICOPTERS. FISH TRAPS ARE SET AND THE SURFACE BOTTOM IS PROVIDED FOR MARINE LIFE. A COUNT OF SEALS, BEARS, PENGUINS, PETRELS, ALBATROSS AND OTHER WILDLIFE IS TAKEN. SUCH SUFFICIENT INFORMATION WAS BEING COLLECTED, THE SHIP WOULD PROCEED TO THE NEXT LOCATION.

5. TASK GROUP 43.1 HAS VISITED THE FOLLOWING ANTARCTIC LOCATIONS: ADAMANT ISLAND; LITTLE BARBARA, ANVERS ISLAND; FORT LOCKWOOD, WILKES ISLAND; FIDELITY, PETRELHORN, AND ARGENTINE ISLANDS; PARADISE BAY, BRUCE COAST; ALCOCK ISLAND,

NAVAL MESSAGE
OPNAV FORM 2110-28 (10-58)

RELEASED BY		DRAFTED BY			PHONE EXT. NR.			
DATE	TOR/TOD		ROUTED BY		CHECKED BY			
MESSAGE NR.	DATE/TIME GROUP (GCT)	PRECE- DENCE	FLASH	EMERGENCY	OPERATIONAL IMMEDIATE	PRIORITY	ROUTINE	DEFERRED
		ACTION						
		INFO						

FROM: USS EITEL ISLAND / CTC 43.1

TO: COMNAVSTAUFFOR ANTARCTICA (P10)

INFO:

HOOPER BAY; REICHER ISLANDS; KANSEN ISLAND, WILHELMINA BAY; BRIDLOUNT COVE, DABCO COAST; CHALERS BAY, DECEPTION ISLAND; YANKEE HARBOR, GREENWICH ISLAND; HOPE BAY, TRINITY PENINSULA; THENCE ENTERED WEDDELL SEA; ROBERTSON ISLAND, LARSEN ICE SHELF; SNOW HILL ISLAND; SEYMOUR ISLAND; JAMIE ISLAND; TRINITY ISLAND; AND LASTLY, SOUTH SOUTHERN ISLANDS. (FOR FURTHER DETAILS SEE CTC 43.1 DAILY SITREPS)

6. HAVE EXCHANGED GREETINGS AND INFORMATION WITH PERSONNEL OF SEVERAL BRITISH, ARGENTINE, AND CHILEAN BASES. VISIT TO CHILEAN BASE, GABRIEL GONZALEZ VIDELA, IN PARADISE HARBOR, COINCIDED WITH A VISIT BY THE CHILEAN MINISTER OF DEFENSE AND CHIEF OF NAVAL OPERATIONS. COMBESSES EXTENDED TO U.S. PERSONNEL WERE MUCH APPRECIATED AND ENJOYED.

7. TRIP HAS PRODUCED SOME ADVENTUROUS MOMENTS. WEATHER IS LARGELY UNPREDICTABLE WITH SUDDEN SQUALLS AND PERIODS OF BAD VISIBILITY. WATERS ARE OFTEN UNCHARTED AND THE SHIP MUST BE ALERT TO DETECT UNCHARTED ROCKS AND SHOALS. SAFE ANCHORAGES ARE HARD TO FIND. THE WATER IS GENERALLY TOO DEEP FOR A PROPER SCOUT OF CHAIN AND THE BOTTOM TOO MUCKY FOR GOOD HOLDING GROUND. ICEBERGS ARE A CONSTANT MENACE,

NAVAL MESSAGE

OPNAV FORM 2110-28 (10-58)

RELEASED BY		DRAFTED BY		PHONE EXT. NR.				
DATE	TOR/TOD	ROUTED BY		CHECKED BY				
MESSAGE NR.	DATE/TIME GROUP (GCT)	PRECE- DENCE	FLASH	EMERGENCY	OPERATIONAL IMMEDIATE	PRIORITY	ROUTINE	DEFERRED
		ACTION						
		INFO						

FROM: USS STATER ISLAND / CTC 43.1

TO: COMNAV:0170N ANTARCTICA (PIO)

INFO:

BOTH AT ANCHOR AND UNDERWAY. BOATS AND AIRCRAFT MUST BE OPERATED JUDICIOUSLY. SUDDEN DETERIORATION OF WEATHER REQUIRES IMMEDIATE RECALL. ALL BOATS, HELICOPTERS, AND PARTIES ABOARD, CARRY SURVIVAL EQUIPMENT TO SUSTAIN THEM FOR AT LEAST TEN DAYS SHOULD THEY BE STRANDED. IN ANCHOR HARBOR A VIOLENT STORM CAUSED SHIP TO DRAG ANCHOR AND FORCED HER TO PUT TO SEA. AT CROW HILL ISLAND, UNDERWAY FROM ANCHOR AT 0300 TO FIGHT WAY THROUGH ICE PACK THAT THREATENED TO FORCE SHIP TOWARDS THE SHORE. IN TRANSMITTING CREWERS CHANNEL OFF TRINITY ISLAND THE BOTTOM DEEPEST FROM 350 FATHOMS TO 15 FATHOMS IN LESS THAN A MILE. A FRANKIE BACK FULL BELL STOPPED SHIP A HALF MILE FROM AN UNCHARTED REEF.

8. SAILORS OF STATER ISLAND ARE NOW SEASONED VETERANS IN COPING WITH OPERATING CONDITIONS. THE SONIC FATHOMETER IS WATCHED ANXIOUSLY FOR THE SUDDEN JUMP IN THE TRACK THAT MEANS SHOAL. LOOKOUTS REPORT ICE WITH THE CRISPNESS OF A SENTINEL WHO HAS SIGHTED THE ENEMY. AT NIGHT, SEARCHLIGHTS ARE TRAINED ON THE CIRCUITS AND SILENT BIRDS THAT PASS CLOSE TO THE SHIP. BELOW DECKS THE ENGINEERS STAND READY TO PROVIDE EMERGENCY POWER. BOAT COXSWAINS HAVE BECOME ADEPT AT THREADING THEIR FRAGILE BOATS BETWEEN ICE FLOES AND AT LANDING ON ROCKY SHORES. THE REMOTE FOR THE OPERATIONS

NAVAL MESSAGE
OPNAV FORM 2110-28 (10-58)

RELEASED BY		DRAFTED BY			PHONE EXT. NR.			
DATE		TOR/TOD		ROUTED BY		CHECKED BY		
MESSAGE NR.	DATE/TIME GROUP (GCT)	PRECE- DENCE	FLASH	EMERGENCY	OPERATIONAL IMMEDIATE	PRIORITY	ROUTINE	DEFERRED
		ACTION						
		INFO						

FROM: USS STATEN ISLAND / CTD 43.1

TO: COMNAVEURFOR ANTARCTICA (VIC)

INFO:

HAS BEEN PREPARATION COMBINED WITH CAUTION.

9. STATEN ISLAND EXPECTS TO COMPLETE PALM BEACH DEPARTURE ON 6 MARCH. ALL HANDS ARE
LOOKING FORWARD TO FIRST LIBERTY AND HALL CALL IN TWO AND A HALF MONTHS AT (A SOUTH
AMERICAN PORT) ON 15 MARCH. THEDOR HUNTERMAN D BOUND TO SEATTLE FOR LONG AWAITED
REUNION WITH FAMILY AND FRIENDS.

-30-

DISTRIBUTION:

UNCLASSIFIED

DATE/TIME GROUP

NAVAL MESSAGE
OPNAV FORM 2110-28 (10-58)

RELEASED BY		DRAFTED BY		PHONE EXT. NR.				
DATE	TOR/TOD	ROUTED BY		CHECKED BY				
MESSAGE NR.	DATE/TIME GROUP (GCT)	PRECEDENCE	FLASH	EMERGENCY	OPERATIONAL IMMEDIATE	PRIORITY	ROUTINE	DEFERRED
	270222Z	ACTION						
		INFO						

FROM: USS STATER ISLAND / CTC 43.1

TO: COMNAVLEPTON ANTARCTICA (110)

INFO: UNCLAS. NEWS / RESEARCH (FOR IMMEDIATE RELEASE)

REF: (A) OF PLAN CTY-43 IN 1-62

1. USS STATER ISLAND (AGB 5), RECENTLY A DEFENDABLE FIGHTER IN THE NAVY'S BATTLE AGAINST THE SIXTY HILLS OF FANTASY ICE AT ANTARCTICA'S RECORDING SOUND, IS NOW FULLY ENGAGED IN THE SECOND MAJOR MISSION OF OPERATION DEEP THERM 1963.

2. STATER ISLAND SAILED FROM PORT LYTTLETON, NEW ZEALAND ON 5 JANUARY. AFTER SKIPPING THE ICE PACES OF THE USLLINGHOUGH AND AMERSON SEAS AND FIGHTING MORE THAN 1,000 TUBES IN HER 4,000 MILE JOURNEY, SHE ARRIVED AT ADLAIER ISLAND, PALMER PENINSULA ON 17 JANUARY.

3. THE SEATTLE ICEBERG, COMMANDED BY CDR JOHN J. MURPHY, IS SERVING AS THE FLAGSHIP OF THE PRICE LEWIS, COMANDER TASK GROUP 43.1. THE MISSION OF THE TASK GROUP IS TO COLLECT DATA THAT WILL CONTRIBUTE TOWARD SELECTION AND PLANNING OF A CONTINGENT U.S. SCIENTIFIC STATION IN THE PALMER PENINSULA AREA. CDR LEWIS, LT ARCHIE A. BASH, CIVIL ENGINEER COMMAND, AND CHIEF PHOTOGRAPHER JACK LEONARD, TOGETHER WITH PERSONNEL OF STATER ISLAND ARE INSPECTING, PHOTOGRAPHING, AND SURVEYING VARIOUS LOCATIONS IN THE AREA. REPRESENTING THE NATIONAL SCIENCE FOUNDATION IN THE INVESTIGATION OF SITES ARE MR. JOHN CHOWELL, SENIOR MEMBER; C-TRIP 1-10-63. C-TRIP 1-10-63, CDR(USN),

NSXN NSXN NSXN NDE CCPP CCPP CCPP CCPP QTC PSE AASX R55WUNCVEA NNSC

CANCCFCE P P CCPP QSV IRSH

NSXN NSXN NSXNDE CCPP CCPP QRPP CCPP CCPP QSV VVV K
NSXN NSXN NDE CCPP CCPP GM AS AS OK PSE QTC TSG

RR

OK -QTC VSNAN NEE CCPP R-NR1 -110001Z -FM CAPTAIN M C YNTRE IMI MCSYIMI
MCYNTRE PILOTO PZRDO TO L T SEPULVEDA ~~TWEN/SRLND/BT/~~
A. BORDO PARDO ENCUENTRASE EXPERTO LIQUENEEI ALEMAN SR FOLLMANI-FOLLMAN
PODRIA COORDINARSE UNA CONVERSACION TELEFONIA INTERCAMBIAR IDEAS CON
BIOLOGO NORTEAMERICANO BT AR QSL IMI

NSXN DE CCPP QTX OK PRUIMI

AA TSIMI PSE QTSEIMI

PSE QOU QTH IMI

R 110001Z
FM CAPTAIN MCYNTRE PILOTO PARDO
TO LT SEPULVEDA
BT

A. BORDO PARDO ENCUENTRASE EXPERTO LIQUENE ALEMAN SR FOLLMAN
PODRIA COORDINARSE UNA CONVERSACION TELFONIA INTERCAMBIAR IDEAS CON
BIOLOGO NORTE AMERICANO BT
K

TOR 1215Z

64,365

61.03W

4 MILES NORTH OF SPRING POINT
BRIARMONT COVE. ~~ON~~ ON DANCO
COAST.

DRAFTED BY

PRECEDENCE

DATE/TIME GROUP

MESSAGE NR.

ROUTINE

112105Z

F NR 652

FROM:

USARP WASHDC

TO:

USS STATEN ISLAND

INFO:

COMNAVSUPFOR ANTARCTICA WASHDC REP USARP CHRISTCHURCH/MCMURDO STA
COMNAVSUPFOR ANTARCTICA/DET ALFA ANTARCTIC SUPPACTY MCMURDO/REP

UNCLAS

FOR CROWELL.

MCMURDO STA PASS TO BRIGHT TRAVEL SKED

A. YOUR 031220Z NR 17

1. SCHMITT, MC DONALD, AND BERGS AIRLINE TICKETS AND EXCESS BAGGAGE
ALLOWANCE HELD BY MERCHANT PANAGRA AGENT GRACE AND CIA

2. CROWELL TICKET HELD BY SECARIS

3. ADVICE OF GROUP URGENTLY NEEDED

A. LOOKING FORWARD TO SEEING YOU BY 18 MARCH

4. HOPE BERG, SCHMITT AND MC DONALD CAN STAY IN WASHDC FOR WEEK OR
SO IMMEDIATELY ON RETURN

T.O. JONES

MR CROWELL CAPT MC DONALD DR SCHMITT MR BERG

RELEASE								TOR				TOD				CWO				WO				DATE	
																G				GW				12 MARCH	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	DATE/TIME GROUP	
																								112105Z	

R. R. Schmitt

NAVAL MESSAGE
OPNAV FORM 2110-28 (10-58)

RELEASED BY		DRAFTED BY		PHONE EXT. NR. WU/CF	
DATE 7 FEB 63		TOR/TOD Ø72359Z		ROUTED BY DUTY RM MSGR	
MESSAGE NR.		DATE/TIME GROUP (GCT) TOR: Ø72359Z NOT A DTG:		CHECKED BY FOLMER RM2	
		PRECEDENCE	FLASH	EMERGENCY	OPERATIONAL IMMEDIATE
		ACTION			
		INFO			NONE...

FROM: COMANDANTE BASE GABRIEL GONZAEZ CHILE

TO: USS STATEN ISLAND

INFO:

OUR SEISMOGRAPH DID NOT RECEIVE ANYTHING DE CANSE YESTERDAY
THE STATION WAS MOSTED TO THERE PLACE.

NOTE: ABOVE MSG EXACTLY AS RCVD AND CONFIRMED VIA YELCHO

DR SCHMITT_____

DISTRIBUTION:

1 1 14 1

7

UNCLASSIFIED

DATE/TIME GROUP
TOR: Ø72359Z FEB 63

U.S.S. STATEN ISLAND (AGB-5)
Care of Fleet Post Office
San Francisco, California

PLAN OF THE DAY FOR THURSDAY, 14 MARCH 1963

DUTY CDO: LT MALLOY
DUTY MAA: THOMPSON, PH2
DUTY IN: PURCELL, JO3
DUTY SK: HANSON, SKSN
DUTY DIV: E DIVISION
DUTY SEC: III

SUNSET: 1905

	TIDES
0030	4.5
0643	1.5
1253	4.5
1905	1.7

CARRY OUT THE ROUTINE PLAN OF THE DAY IN ACCORDANCE WITH ARTICLE 4235(a)
SHIPS ORGANIZATION AND REGULATIONS MANUAL WITH THE FOLLOWING EXCEPTIONS:

Mail may be picked up at the post office only by division mail orderlies.
Mail will not be given to undesignated personnel. All personnel other than
division mail orderlies will stand clear of the post office area while mail
is being sorted.


DIVISION MAIL ORDERLIES

1st	DUDLEY, SR	or	MARTINEZ, SN
2nd	MALICOAT, RM3	or	HADLEY, EMSN
3	LOWE, SK3	or	DIET, DT3
O, H, N	SAKALA, RDSN	or	KOVACH, AG3
M, R	YOUNG, EN2	or	PATTERSON, SFP2
E	CADZUK, IC3	or	LIENHARD, EM3

Today's Schedule of Events

0530 Reveille
0700 Set Special Sea Detail
0730 Quarters, for entering port
0800 Fire 21 gun salute (To be returned by Chilean shore battery)
0805 Fire 13 gun salute (To be returned by Chilean shore battery)
0830 (about) Anchor (or moor) at Valparaiso. Glg, U-boat, and LCVP
in the water. Rig accommodation ladder and boat boom.)
0900 Commodore and Commanding Officer make official calls. (Side boys
stand by for return of Commodore and Commanding Officer.)
Held for instructions
1050 On deck all side boys
1100 Calls will be returned by Chilean officials
1930 Cocktails at Club Naval for 15 officers

Liberty and other information will be announced as soon as firm information
is received.


J. F. CAMPBELL, LT, USN
Executive Officer

U.S.S. STATEW ISLAND (AGB-5)
% FLEET POST OFFICE
SAN FRANCISCO, CALIFORNIA

6 MARCH 1963

From : Poblete F. R. AGI-P1 (in-charge of Oceanographic Lab.)

Via : Navigation Officer

To : Commanding Officer

Subj : Oceanographic data recorded, collected and Bathythermograph drops made during Palmer Peninsula Expedition.

1. Bathythermograph observation were taken on the six hourly basis from New Zealand to Palmer Peninsula and whenever opportunity arises along the coast of Palmer Peninsula, such as:
 - a. When in clear deep water and no ice interference.
 - b. When Temperature of the water is above 28° F.
 - c. When weather permits.
 - d. When "BT" drops will not interfere with ships operation.
2. Ocean Bottom Samples were taken when ever possibility arises on all ship anchorage by means of a 55 gallon drum used as a dredge haul and drop over the starboard side of the ship and haul in by the starboard "BT" winch.
3. Sea Water Samples were taken from different Seas surrounding the Palmer Peninsula.
4. Helped collect Marine Biological data for the USARP.
5. The following enclosure were all the data collected and recorded by the ship "BT" Team at the Palmer Peninsula Expedition.

Reference to enclosures

- enclosure (1) - Ocean Bottom Samples Of Palmer Peninsula.
- enclosure (2) - Ocean Bottom Samples and Bathythermograph Observations of Palmer Peninsula and enroute to McMurdo Base.
- enclosure (3) - Sea Water Samples and Nototheniidae Fish caught by means of setting Fish Traps.

Submitted by : *Poblete F. R. AGI-P1*
Poblete F. R. AGI-P1
Oceanographic in-charge

enclosure (1)

A. Ocean Bottom Sample taken at PALMER PENINSULA by means of barrel dredge haul from the ships anchorage.

1. ADELAIDE ISLAND
19 Jan. 1963
Lat. $67^{\circ} 54' S$
Long. $68^{\circ} 06' W$
Depth - 25 Fathom
Bottom - Rock & Gravel
2. ARTHUR HARBOR
25 Jan. 1963
Lat. $64^{\circ} 46' 3'' S$
Long. $64^{\circ} 04' 0'' W$
Depth - 12 Fathom
Bottom - Muddy Sand
3. PORT LOCKROY
26 Jan. 1963
Lat. $64^{\circ} 49' 3'' S$
Long. $63^{\circ} 30' 9'' W$
Depth - 25 Fathom
Bottom - Muddy Sand
4. PETERMANN'S ISLAND
28 JAN. 1963
Lat. $67^{\circ} 54' S$
Long. $69^{\circ} 00' W$
Depth - 27 fathom
Bottom - MUDDY SAND
5. ARGENTINE ISLAND
30 Jan. 1963
Lat. $65^{\circ} 12' 9'' S$
Long. $64^{\circ} 13' 8'' W$
Depth - 25 Fathom
Bottom - Rock, Gravel & Sand.
6. PARADIZE HARBOR
1 Feb. 1963
Lat. $64^{\circ} 01' S$
Long. $62^{\circ} 50' 5'' W$
Depth - 33 Fathom
Bottom - Rock & Gravel
7. DANGO ISLAND (ERRERA CHANNEL)
5 Feb. 1963
Lat. $64^{\circ} 44' S$
Long. $62^{\circ} 35' W$
Depth - 41 Fathom
Bottom - Rock & Gravel
8. MELCHOIR HARBOR
6 Feb. 1963
Lat. $64^{\circ} 19' 24'' S$
Long. $62^{\circ} 59' 18'' W$
Depth - 25 Fathom
Bottom - Muddy Sand
9. NANSEN ISLAND
9 Feb. 1963
Lat. $64^{\circ} 34' S$
Long. $62^{\circ} 00' W$
Depth - 27 Fathom
Bottom - Gravel & Sand
10. BRIALMONT COVE
11 Feb. 1963
Lat. $64^{\circ} 14' 0'' S$
Long. $61^{\circ} 04' 5'' W$
Depth - 18 Fathom
Bottom - Muddy Sand & Rock
11. YANKEE HARBOR
13 Feb. 1963
Lat. $62^{\circ} 32' S$
Long. $59^{\circ} 50' 6'' W$
Depth - 30 Fathom
Bottom - Muddy Sand
12. HOPE BAY
14 Feb. 1963
Lat. $63^{\circ} 21' 7'' S$
Long. $56^{\circ} 55' 5'' W$
Depth - 25 Fathom
Bottom - Muddy Sand
13. SEYMOUR ISLAND
15 Feb. 1963
Lat. $64^{\circ} 15' S$
Long. $56^{\circ} 25' W$
Depth - 38 Fathom
Bottom - Rock, Gravel & Sand
14. SNOW HILL ISLAND
17 Feb. 1963
Lat. $64^{\circ} 24' 2'' S$
Long. $56^{\circ} 56' 5'' W$
Depth - 14 Fathom
Bottom - Muddy Sand

Continuation of Ocean Bottom Samples

- b. BATHYTHERMOGRAPH taken at monthly basis (Palmer Peninsula Expedition)

- C. BATHYTHERMOGRAPH taken during the Deep Freeze Cruise (Pearl Harbor to McMurdo base South Pole)

- S. DEC. 1962 - NONE

enclosure (3)

D. Sea Water Sample of all Seas Surrounding Palmer Peninsula

1. AMUNDSEN SEA - 12 JAN. 1963
Lat. $66^{\circ} 12' 0''$ S.
Long. $121^{\circ} 03' 0''$ W.
2. BELLINGHAUSEN SEA - 15 JAN. 1963
Lat. $67^{\circ} 34' 0''$ S
Long. $95^{\circ} 50' 0''$ W
3. WEDDELL SEA - 16 FEB. 1963
Lat. $65^{\circ} 15' 0''$ S
Long. $59^{\circ} 25' 0''$ W
4. ROSS SEA - taken about 15 miles from McMurdo Base.

E. FISH caught at Palmer Peninsula by means of setting Fish Traps.

- | | | | |
|--|---|---|---------------------------------|
| 1. ARTHUR HARBOR | - | 20 Fish (Nototheniidae Family) | 25 Jan. 1963 |
| Janus Id 2. RESEARCHER ISLAND | - | 88 " | 28 Jan. 1963 |
| 3. DANGO ISLAND | - | 17 " | 4 Feb. 1963 |
| 4. MELCHOIR HARBOR | - | 22 " | 7 Feb. 1963 |
| 5. HANSEN ISLAND | - | 13 " | 9 Feb. 1963 |
| 6. YANKER HARBOR | - | 35 " | 13 Feb. 1963 |
| 7. HOPE BAY | - | 23 " | 15 Feb. 1963 |
| 8. BRIALMONT COVE | - | 1 " | 23 Feb. 1963 |
| 9. Fish caught by other means than Fish Trap | - | 20 Fish (by Hook Lines, Dredge Haul, Deep Nets, and by Hand.) | |
| 10. DISCOVERY BAY | - | 5 Fish (Nototheniidae Family) | 26 Feb. 1963 (1 lost from trap) |
| 11. ARDLEY POINT | - | 6 " | 3 Mar. 1963 |

A. Ency. Britannica

1 Map.

2 Cross Sea Ice shelf

3 Shuttle Bus

4 Main St. McMurdo

5 Chapel at mid night

6 " at mid day

7 Erebus 13,200 ft. high

8 Cape Crozier penguins 300,000 plus

9. Stone nest, leveled up

10 Penguins on shore

11 going out to edge of ice shelf 20-300 miles

12 ~~Adelie~~ Dire. No pole trip.

13 N.2. Ship at dock.

14 5 days out = 3700 miles to Palmer

15 Floes

16 Tubular bergs

17 Strath Head bergs.

18 Ship off Brit station. } Margurite Bay.

20 Stat. from Sea ^{doss} _{on ice}

19 Station from hill.

~~21~~ On way to Arthur Abr. morning always like this
afternoons clear.

22 Adelses all black heads Jan. 23 Borsea. Ed

23 Fish trap.

Jan. 22

24 Fish on deck he catch

25 Wrapping up for freezer

+ labelling =

Jan 17
arrive
Friday 18
landed at
Base

- 26. Amphipods Sorting
 27 On way to port Lockroy
 28 Inside port red spur ship. } Jan. 25
 29 Brit. Sta. Lockroy. Hotel. }
 30 Gentoo. white spot on head. } day
 31 March 1st as arranged to Jan 26.
 32 Yelco on heaver edge of ice spit.
 33 ~~Fly over in a.m.~~ by boat in afternoon. sun rise
 34 spot of light
 35 Bucket shades on way back.
 36 Gerlache Stra.
 37 " "
 38 Approaching Paradise Id.
 39 Ice cliff.
 40 toppling berg
 41 Videla Chilean Sta.
 42 some close up.
 43 dredged looking over side
 44 Bucket coming up.
 45 rocks from
 46 Amphipods in dish.
 47 Sort spec. put in vial. Coffee mugs
 48 Starfish. each his own.
 49 Worms
 50 in hand to show relative size

- 51 Landing craft ashore, low tide.
- 52 ^{off} penguin rookery Gento
- 53 ^{mother with chick} Lemaire Channel. ~~the~~ Ro cub.
- 54 " "
- 55 " "
- 56 Peterman Id. Adelies Jan. 27.
- 58 Rock cliff lichens
- 59 same close up to show colors.
- 60 English group at Sta. Cook Emphotes
- 61 Cape Puxen
- 62 stalled in short cut to green Id.
- 63 Green Id
- 64 Mr. Green Jan. 29
- 65 Mosses + lichen 30 acres
- 66 Berlese funnels
- 67 Decapton Id. Feb. 12, 63 (36 years later)
- 68 " Id. Pinnacle Mar. 1927
- 69 11 white ships thousands of Cape Pigeons
- 70 Flensing whales
- 71 Back to 1963 only hand full ^{Cape} pigeons
- 72 Steam on beach Decapton Id
- 73 Floes + bergs
- 74 Table bergs char. of ~~lead~~ ^{Southern} Polar seas
- 75 Steering between.
- 76 Ice shelf from Argentine Sta. ^{overship} distance
- 77 Argentine crew
- 78 Ready to move

79 Tied together to see crevass.

80 Dundee Id. Lincoln Elsworth.

→ Should have 2 photos

No. 2 "reel"

1 Alcock Id in distance

2 Pushing ice blocks away

3 Landing place

4 Boys bundled up

5 Chin straps

6 " close up.

7 Ardley Id. Feb. 28

8 Keller Peninsula. March 5

9 Snow on deck

10 Snow ball in air

11 Last Berg.

12 Sun set

13 Ice free seas

14 Valpo from ship

15 Chilean Admiral comes aboard

16 Plaza on Lane pine tree left

17 Hotel Rold's

18 Miami, 3 p.m. a.m. hop for breakfast

~~19~~

3,000 worms to Barkman
9,000 insects

24,000 all told

Schmitt Mesa

$74^{\circ}56'S$ Lat.

$64^{\circ}05'W$ Long.

in Palmer Land

Antarctic

SMITHSONIAN INSTITUTION EMPLOYEES FEDERAL CREDIT UNION

Borrower:

Comaker:

Shares owned:

Amount of note:

Due:

Paid:

Conditions:

49-63

Feb. 12, 1963

49 - 63

208_W

Feb 17, 1963

breeds 20_W